

Parts Manual

Refer to inside cover for additional serial number information

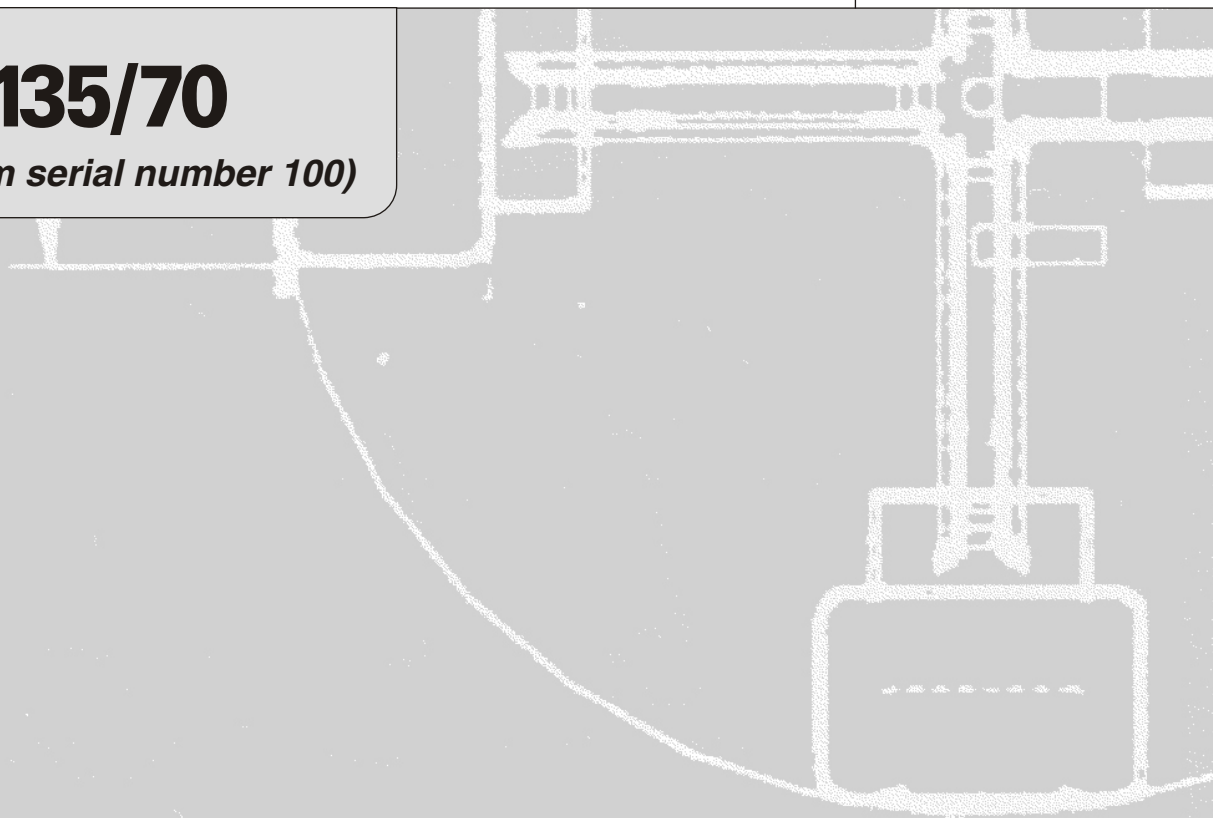
Part No. 106877

Rev C

September 2006

ZTM-135/70

(from serial number 100)



Technical Publications

Genie Industries has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.


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www.genieindustries.com
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| 101.1 | B | Decals |

If you have a printed manual, you can keep it up to date by downloading new figures from the Genie website.

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Electronic Version

Click on the figure description below to view the figure.

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Parts Stocking List

Required Parts

The following parts are required to perform maintenance procedures as outlined in the *Genie Z-135/70 Service Manual*.

| Description | Part No. |
|---|----------|
| Filter Element - Medium and High Pressure | 60857 |
| Filter Element - Drive Motor Case Drain | 52465 |
| Filter Element - Tank Return | 101960 |
| Engine Oil Filter - Cummins Models | 102288 |
| Engine Oil Filter - Deutz Models | 49924 |
| Engine Oil Filter - Perkins Models | 102632 |
| Fuel Filter/Separator - Deutz Models | 89783 |
| Fuel Filter/Separator - Perkins Models | 62433 |
| Fuel Filter/Separator - Cummins Models | 102287 |
| Fuel Filter - Perkins Models | 102639 |
| Air Filter Element | 62425 |
| O-ring Kit (for ORFS Fitting) | 49612 |
| Plug and Cap Kit (for ORFS Fitting) | 49613 |
| Dielectric Grease | 66399 |

Recommended Parts

| Description | Part No. |
|---|----------|
| Genie Gray Paint, 12 Ounce / 355 ml Aerosol | 1268 |
| Genie Blue Paint, 12 Ounce / 355 ml Aerosol | 1484 |
| Genie Blue Paint, 1 Gallon / 3.78 liters | 32150 |
| Genie Gray Paint, 1 Gallon / 3.78 liters | 32151 |

Manuals

Genie Industries offers the following support documents for these models:

| Title | Part No. |
|--|----------|
| Genie Z-135/70 Operator's Manual, 1st Edition | 82800 |
| Genie Z-135/70 Service Manual, 1st Edition | 106783 |
| EMI Safety Manual | 27581 |
| Manual of Responsibilities ANSI A92.5-1992 | 31779 |

How To Order Parts

Please be prepared with the following information when ordering replacement parts for your Genie product:

- ☒ Machine model number
- ☒ Machine serial number
- ☒ Genie part number
- ☒ Part description and quantity
- ☒ Purchase order number
- ☒ "Ship to" address
- ☒ Desired method of shipment
- ☒ Name and telephone number of the authorized

Genie Distributor in your area

Use the Service Parts Fax Order Form on the next page and fax your order to our Parts Department.

If you don't know the name of your authorized distributor, or if your area is not currently serviced by an authorized distributor, please call Genie Industries.

Machine Information

Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number

Genie North America

Telephone (425) 556-6551

Toll Free (877) 367-5606 in U.S.A. and Canada

Fax (425) 556-8659

Genie UK

Parts Telephone (44) (0) 1476 584352

Parts Fax (44) (0) 1476 584340

Genie Australia

Parts Telephone (617) 03375 1660

Parts Fax (617) 03375 1002

Genie France

Parts Telephone (33) (0) 237 26 09 99

Parts Fax (33) (0) 237 31 50 10

Genie Germany

Parts Telephone (49) (0) 4202 885223

Parts Fax (49) (0) 4202 885225

Genie Scandinavia

Parts Telephone (46) (31) 3409612

Parts Fax (46) (31) 3409613

Genie Iberica

Parts Telephone (34) (93) 5795042

Genie Brazil

Parts Telephone (55) (114) 1665755

Parts Fax (55) (114) 1665754

Genie Japan

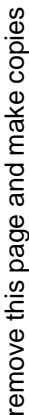
Parts Telephone (81) (33) 4536082

Parts Fax (81) (33) 4536083

Genie China

Parts Telephone (86) (215) 3852570

Parts Fax (86) (215) 3852569



remove this page and make copies

International: +1-425-556-8659

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

Your Phone Number _____

Bill To _____ Ship To _____

Purchase Order Number _____ Ship Via _____

Model(s) _____ **Serial No.(s)** _____

Optional Equipment _____

[illegible]

- ☐ Ship complete order only - No back orders
- ☐ Ship all available parts and contact customer on disposition of back-ordered parts
- ☐ Other (please specify)

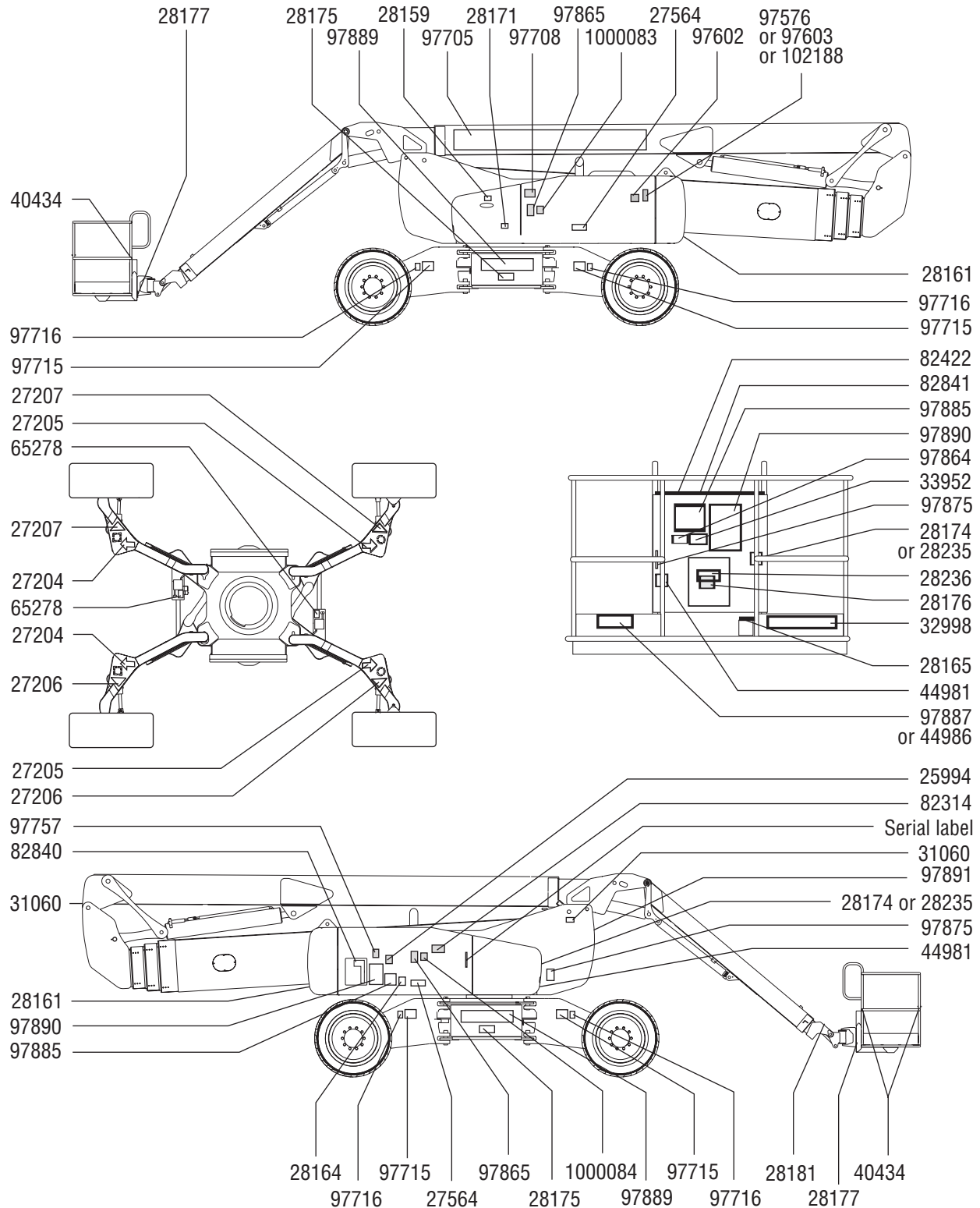
Order Number _____ Origin Code _____ Comments _____

Date Scheduled _____ Ship Condition _____

| | |
|-------------|------------|
| Order Total | Terms Code |
|-------------|------------|

Parts Figures

Figure 101.1
Rev B
Description Word Decals



Genie
 A TEREX COMPANY

Z-135/70

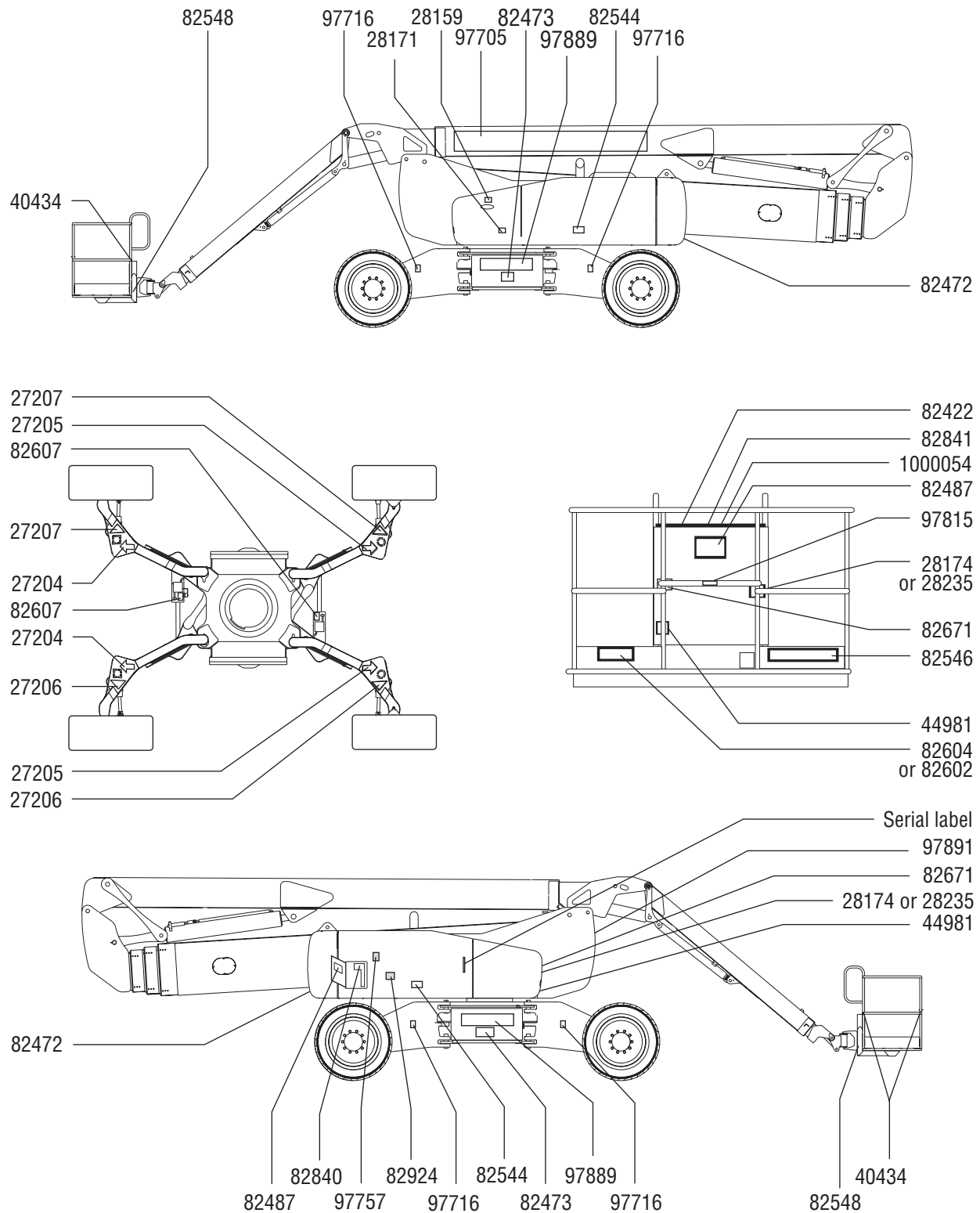
Part No. 106877

| Item | Part No. | Description | Quantity | Item | Part No. | Description | Quantity |
|------|----------|--|----------|------|----------|---|----------|
| — | 107692 | Word Decal Kit (does not include items 12, 17, 24, 30, 33, 35, 36 or 41) | | 28 | 82314 | Danger - Tip-over Hazard | 1 |
| 1 | 25994 | Caution - Component Damage Hazard | 1 | 29 | 82422 | Label - Driving Lights | 1 |
| 2 | 27204 | Arrow - Blue | 2 | 30 | 82840 | Ground Control Panel | 1 |
| 3 | 27205 | Arrow - Yellow | 2 | 31 | 82841 | Platform Control Panel | 1 |
| 4 | 27206 | Triangle - Blue | 2 | 32 | 97576 | Notice - Engine Specifications, Deutz | 1 |
| 5 | 27207 | Triangle - Yellow | 2 | 33 | 97602 | Warning - Explosion Hazard | 1 |
| 6 | 27564 | Danger - Electrocution Hazard | 2 | 34 | 97603 | Notice - Engine Specifications, Perkins | 1 |
| 7 | 28159 | Label - Diesel | 1 | 35 | 97705 | Cosmetic - Genie Z-135/70 | 1 |
| 8 | 28161 | Warning - Crushing Hazard | 2 | 36 | 97708 | Label - Fuse and Relay Panel Layout | 1 |
| 9 | 28164 | Notice - Hazardous Materials | 1 | 37 | 97715 | Danger/Notice - Tire Specifications | 4 |
| 10 | 28165 | Notice - Foot Switch | 1 | 38 | 97716 | Label - Wheel Load | 4 |
| 11 | 28171 | Label - No Smoking | 1 | 39 | 97757 | Label - Hydraulic Oil Level | 1 |
| 12 | 28174 | Label - Power to Platform, 230V AC | 2 | 40 | 97864 | Caution - Collision Hazard | 1 |
| 13 | 28175 | Caution - Compartment Access ... | 2 | 41 | 97865 | Warning - Electrocution Hazard ... | 2 |
| 14 | 28176 | Notice - Missing Manuals | 1 | 42 | 97875 | Warning - Weld Lines to Platform | 2 |
| 15 | 28177 | Warning - Collision Hazard | 2 | 43 | 97885 | Notice - Operating Instructions | 2 |
| 16 | 28181 | Warning - No Step or Ride | 1 | 44 | 97887 | Notice - Max. Side Force, 150 lbs / 667 N, ANSI & CSA | 1 |
| 17 | 28235 | Label - Power to Platform, 115V AC | 2 | 45 | 97890 | Danger - General Safety | 2 |
| 18 | 28236 | Warning - Failure To Read . . . | 1 | 46 | 102188 | Notice - Engine Specifications, Cummins | 1 |
| 19 | 31060 | Danger - Tip-over Hazard | 2 | 47 | 97889 | Cosmetic - Z-135 | 2 |
| 20 | 32998 | Notice - Max. Capacity, 600 lbs / 272 kg | 1 | 48 | 97891 | Cosmetic - Genie Z-135 | 1 |
| 21 | 33952 | Danger - Tip-over Hazard | 1 | | | | |
| 22 | 40434 | Label - Lanyard Anchorage | 3 | | | | |
| 23 | 44981 | Label - Air Line to Platform | 2 | | | | |
| 24 | 44986 | Notice - Max. Manual Force, 90 lbs / 400 N, Australia | 1 | | | | |
| 25 | 65278 | Caution - No Step | 2 | | | | |
| 26 | 1000083 | Notice - Start/Controls Battery | 1 | | | | |
| 27 | 1000084 | Notice - Auxiliary Batteries | 1 | | | | |

Figure
102.1

Rev
B

Description
Symbol Decals

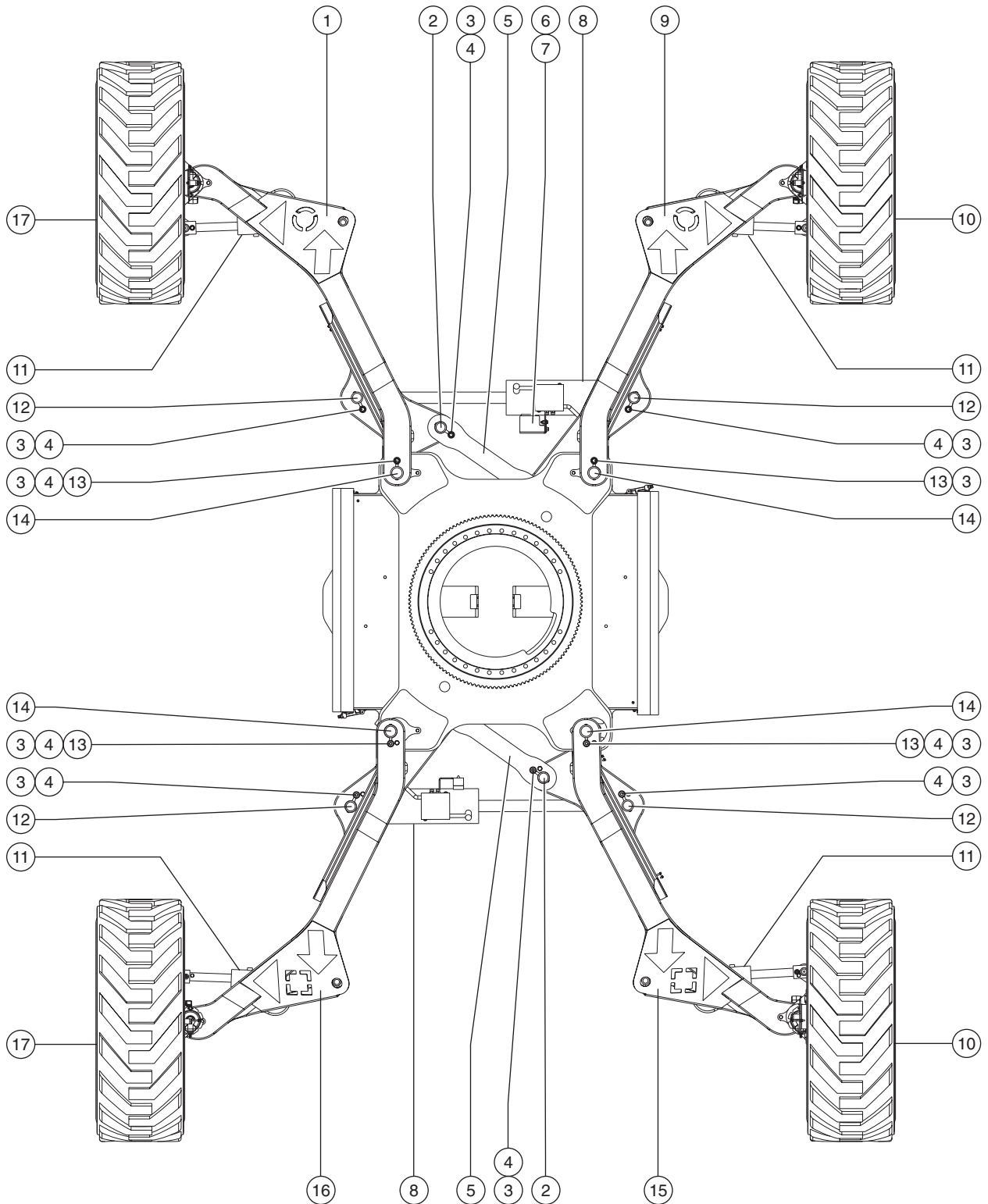


| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|--|------|------|----------|-----------------------------------|------|
| — | 107693 | Symbol Decal Kit (includes items 1-6, 9, 12-18, 21, 23-25 and 27-30) | | 29 | 97757 | Label - Hydraulic Oil Level | 1 |
| 1 | 27204 | Arrow - Blue | 2 | 30 | 97815 | Label - Lower Mid-Rail | 1 |
| 2 | 27205 | Arrow - Yellow | 2 | 31 | 97889 | Cosmetic - Z-135 | 2 |
| 3 | 27206 | Triangle - Blue | 2 | 32 | 97891 | Cosmetic - Genie Z-135 | 1 |
| 4 | 27207 | Triangle - Yellow | 2 | | | | |
| 5 | 28159 | Label - Diesel | 1 | | | | |
| 6 | 28171 | Label - No Smoking | 1 | | | | |
| 7 | 28174 | Label - Power to Platform, 230V AC | 2 | | | | |
| 8 | 28235 | Label - Power to Platform, 115V AC | 2 | | | | |
| 9 | 40434 | Label - Lanyard Anchorage | 3 | | | | |
| 10 | 44981 | Label - Air Line to Platform | 2 | | | | |
| 11 | 82422 | Label - Driving Lights | 1 | | | | |
| 12 | 82472 | Warning - Crushing Hazard | 2 | | | | |
| 13 | 82473 | Caution - Compartment Access ... | 1 | | | | |
| 14 | 82487 | Notice - Read the Manual | 2 | | | | |
| 15 | 82544 | Danger - Electrocution Hazard | 2 | | | | |
| 16 | 82546 | Notice - Max. Capacity, 272 kg | 1 | | | | |
| 17 | 82548 | Warning - Platform Rotate | 2 | | | | |
| 18 | 1000054 | Label - Drive Enable Patch | 1 | | | | |
| 19 | 82602 | Danger- Max. Manual Force, 667 N | 1 | | | | |
| 20 | 82604 | Danger- Max. Manual Force, 400 N | 1 | | | | |
| 21 | 82607 | Caution - No Step | 2 | | | | |
| 22 | 82671 | Label - Weld Line to Platform | 2 | | | | |
| 23 | 82840 | Ground Control Panel | 1 | | | | |
| 24 | 82841 | Platform Control Panel | 1 | | | | |
| 25 | 82924 | Caution - Shut-off Valves | 1 | | | | |
| 26 | 97705 | Cosmetic - Genie Z-135/70 | 1 | | | | |
| 27 | 97709 | Label - HOT | 1 | | | | |
| 28 | 97716 | Label - Wheel Load | 4 | | | | |

Figure
201.1

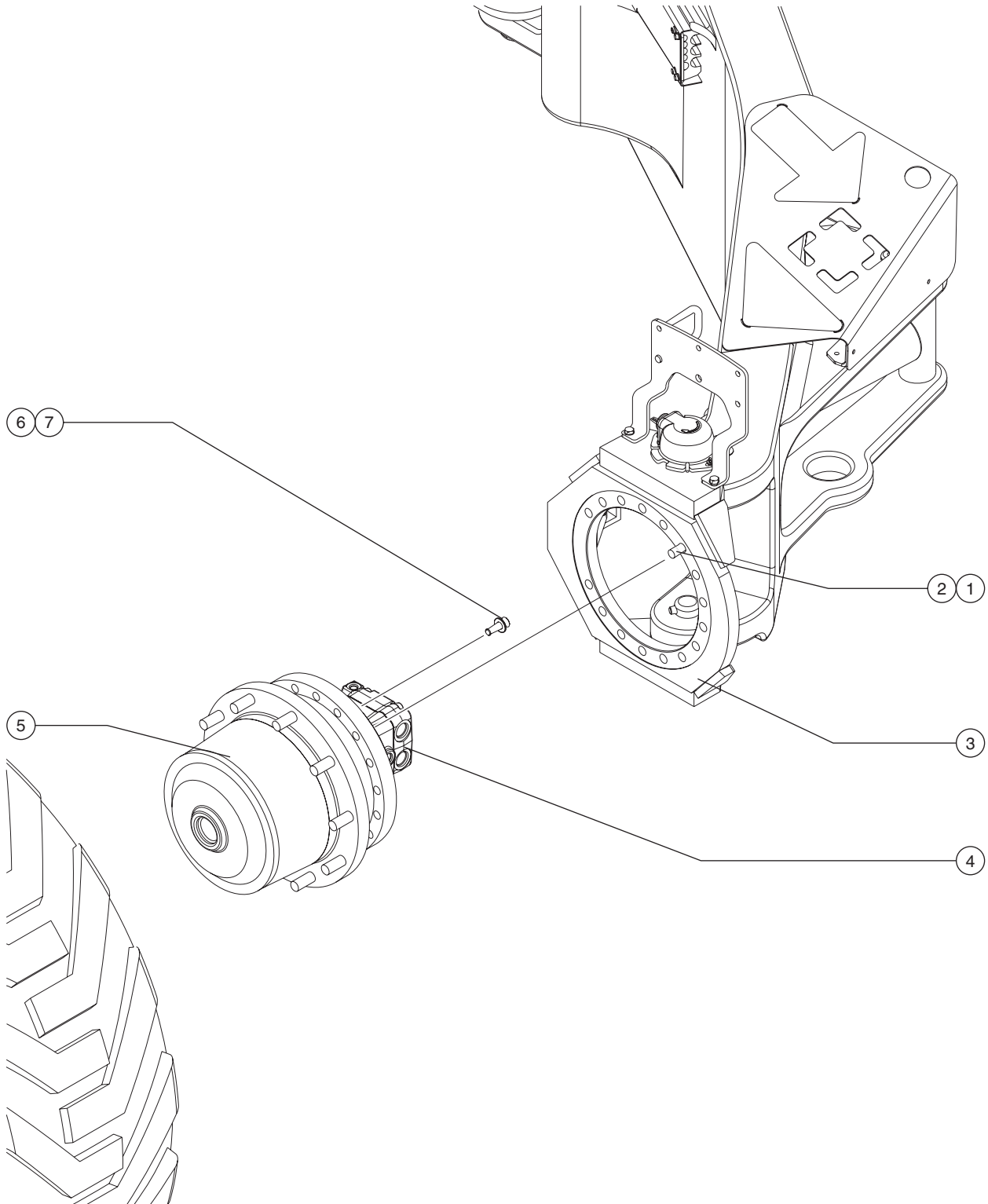
Rev
C

Description
Top View



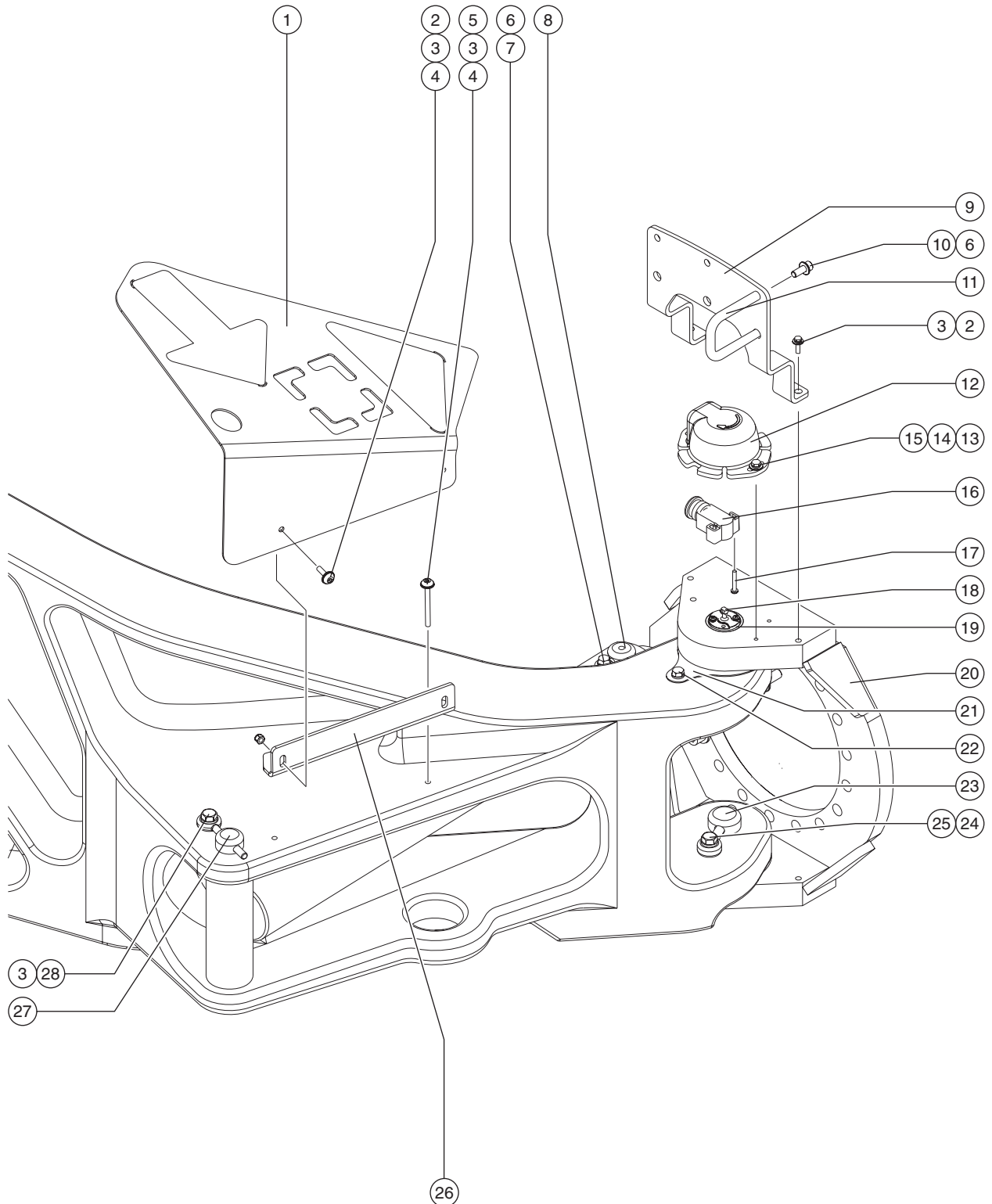
| Item | Part No. | Description | Qty. |
|------|-------------|---|------|
| 1 | 106447 | Axle Cover with Decals, Circle End, Yellow Triangle Side | 1 |
| 2 | 94941 | Pivot Pin, 2.25 x 5.63 inches | 2 |
| 3 | 10597 | Screw - HHC, 1/2 -13 x 1.25 inches, GR 5 | |
| 4 | 30418 | Rod End, 0.5 x 3.75 inches | |
| 5 | 94853 | Timing Link | 2 |
| 6 | 94983 | Limit Switch Assembly | 2 |
| — | 43960 | Wire, 16 Gauge/4 Connector, TPE @ 84 inches | |
| — | 60428 | Plug, 4 Way | |
| — | 60429 | Plug Lock | |
| — | 54260 | Terminal Socket, 16-18 Gauge | |
| — | 88356-465R3 | Limit Switch with Roller Arm | |
| 7 | 106070P | Limit Switch Guard | 2 |
| — | 49817 | Screw - PHPM, 10-32 x 1.25 inches, GR 2 | |
| 8 | 98147 | Axle Extension Cylinder | 2 |
| — | 106742 | Cylinder Seal Kit | |
| — | 110481 | Limit Switch Actuator Block | |
| — | 110482 | Limit Switch Block Seal Kit | |
| — | 33428 | Counterbalance Valve, 3000 psi / 206.8 bar | |
| — | 18722 | Bearing | |
| — | 106007 | Bellows (Hostile Package) | |
| 9 | 106446 | Axle Cover with Decals, Circle End, Blue Triangle Side | 1 |
| 10 | 50032 | Tire and Wheel Assembly, Foam Filled, Blue Triangle Side | 2 |
| — | 34127 | Lug Nut, 3/4 -16 | |
| 11 | 98148 | Steer Cylinder | 4 |
| — | 65793 | Seal Kit | |
| — | 106849 | Bearing Kit | |
| 12 | 94940 | Pivot Pin, 2.25 x 12.5 inches | 4 |
| 13 | 107676 | Pin Retainer Plate | 6 |
| 14 | 101150 | Pivot Pin, 2.5 x 7.88 inches | 6 |
| 15 | 106449 | Axle Cover with Decals, Square End, Blue Triangle Side | 1 |
| 16 | 106448 | Axle Cover with Decals, Square End, Yellow Triangle Side | 1 |
| 17 | 50188 | Tire and Wheel Assembly, Foam Filled, Yellow Triangle Side | 2 |

| Figure | Rev | Description |
|--------|-----|-----------------------------------|
| 202.1 | C | Steer Yoke, Wheel Drive and Motor |



| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| 1 | 102064 | Screw - SHC, M16 x 50mm, GR 12.2 | 16 |
| 2 | 76390 | Flat Washer, M16, Hardened | 16 |
| 3 | 75452-S | Steer Yoke with Bearings | 1 |
| — | 30221 | Bearing, 1.75 x 2 x 1.5 inches | |
| — | 45071 | Bearing, 1.75 x 1.75 x 1.5 inches | |
| 4 | 101070 | Piston Motor, 2 speed, 45cc (befor serial number 180) | 4 |
| — | 106098 | Seal Kit | |
| 4 | 101070 | Piston Motor, 2 speed, 45cc (square end) (after serial number 179) | 2 |
| — | 106098 | Seal Kit | |
| — | 107723 | Piston Motor, 2 speed, 25cc (circle end) (after serial number 179) | 2 |
| — | 106098 | Seal Kit | |
| 5 | 106756 | Wheel Drive with Brake, 76:1 (before serial number 180) | 4 |
| — | 106873 | Seal Kit | |
| — | 106874 | Bearing Kit | |
| — | 106875 | Brake Kit | |
| 5 | 106756 | Wheel Drive with Brake, 76:1 (circle end) (after serial number 179) | 2 |
| — | 106873 | Seal Kit | |
| — | 106874 | Bearing Kit | |
| — | 106875 | Brake Kit | |
| — | 107722 | Wheel Drive with Brake, 113:1 (square end) (after serial number 179) | 2 |
| — | 106873 | Seal Kit | |
| — | 106874 | Bearing Kit | |
| — | 106875 | Brake Kit | |
| 6 | 94747 | Screw - HHC, 1/2 -13 x 1.75 inches, GR 8 | 2 |
| 7 | 13066 | Flat Washer, 1/2 inch | 2 |

| Figure | Rev | Description |
|--------|-----|---------------------------------|
| 203.1 | B | Steer Sensor and Steer Cylinder |

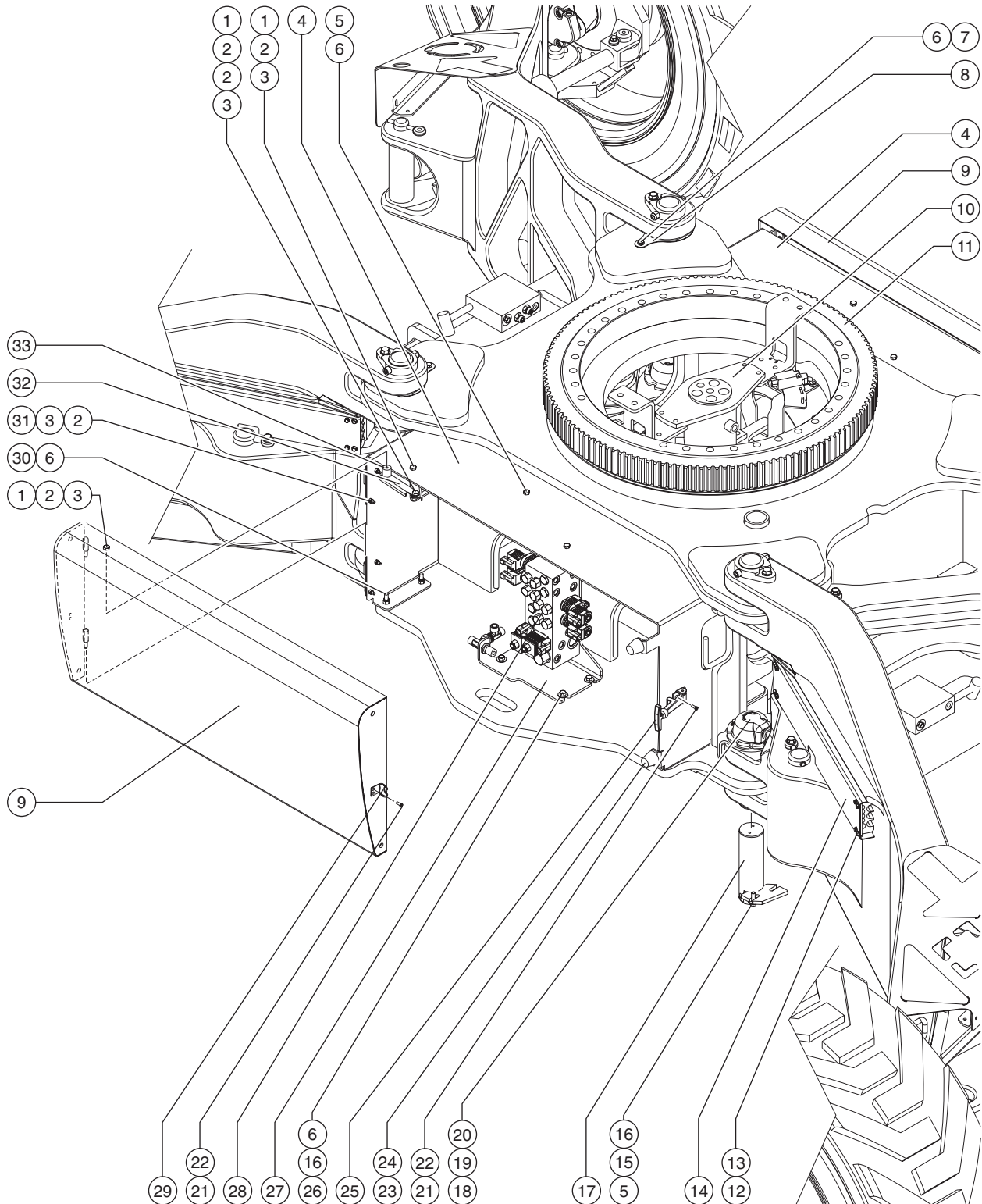


203.1

Steer Sensor and Steer Cylinder Rev B

| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|---|-----------|------|----------|---|------|
| 1 | Ref. | Axle Cover with Decal (refer to 201.1) | | 24 | 10597 | Screw - HHC, 1/2 -13 x 1.25 inches, GR 5 | |
| 2 | 106860 | Screw - Security, 1/4 -20 x 1 inch | | 25 | 30418 | Rod End, 0.5 x 3.75 inches | 1 |
| 3 | 6638 | Flat Washer, 1/4 inch | | 26 | 106682 | Cover Mount Bracket | 1 |
| 4 | 6091 | Nylock Nut, 1/4 -20 | | 27 | 42016 | Pivot Pin, 1.5 x 11 inches | 1 |
| 5 | 106859 | Screw - Security, 1/4 -20 x 2.75 inches | | 28 | 45226 | Rod End, 0.375 x 3.69 inches | 1 |
| — | 106861 | Hex Socket Bit, 5/32 (for security screws) | | | | | |
| 6 | 8255 | Screw - HHC, 3/8 -16 x 0.75 inch, GR 5 | | | | | |
| 7 | 25284 | Rod End, 0.375 x 2.25 inches | | | | | |
| 8 | 60980 | Pivot Pin, 1.5 x 4.13 inches | 1 | | | | |
| 9 | 106695 | Hose Guide | 1 | | | | |
| 10 | 15086 | Fender Washer, 3/8 x 1.5 x 0.125 inch | | | | | |
| 11 | 106696 | Guide Bracket | 1 | | | | |
| 12 | 60609 | Steer Sensor Cover | 1 | | | | |
| 13 | 8914 | Screw - HHC, 1/4 -20 x 0.625 inch, GR 5 | | | | | |
| 14 | 6090 | Screw - HHC, 1/4 -20 x 0.75 inch, GR 5 | | | | | |
| 15 | 6638 | Flat Washer, 1/4 inch | | | | | |
| 16 | 106187 | Steer Sensor Assembly (includes items 12 and 17) | | | | | |
| — | 106395 | Steer Angle Sensor | | | | | |
| — | 60440 | Receptacle, 3-way, 14-18 gauge | | | | | |
| — | 60441 | Receptacle Lock | | | | | |
| — | 60746 | Strain Relief Bushing | | | | | |
| 17 | 49817 | Screw - PHPM, 10-32 x 1.25 inches, GR 2 | | | | | |
| 18 | 60618 | Steer Sensor Activator | 1 | | | | |
| 19 | 75087 | Pivot Pin | 1 | | | | |
| 20 | Ref. | Steer Yoke (refer to 202.1) | | | | | |
| 21 | 106064 | Steer Yoke Shim | as needed | | | | |
| 22 | 8255 | Screw - HHC, 3/8 -16 x 0.75 inch, GR 5 | | | | | |
| 23 | 30194 | Pivot Pin, 1.75 x 5.25 inches | 1 | | | | |

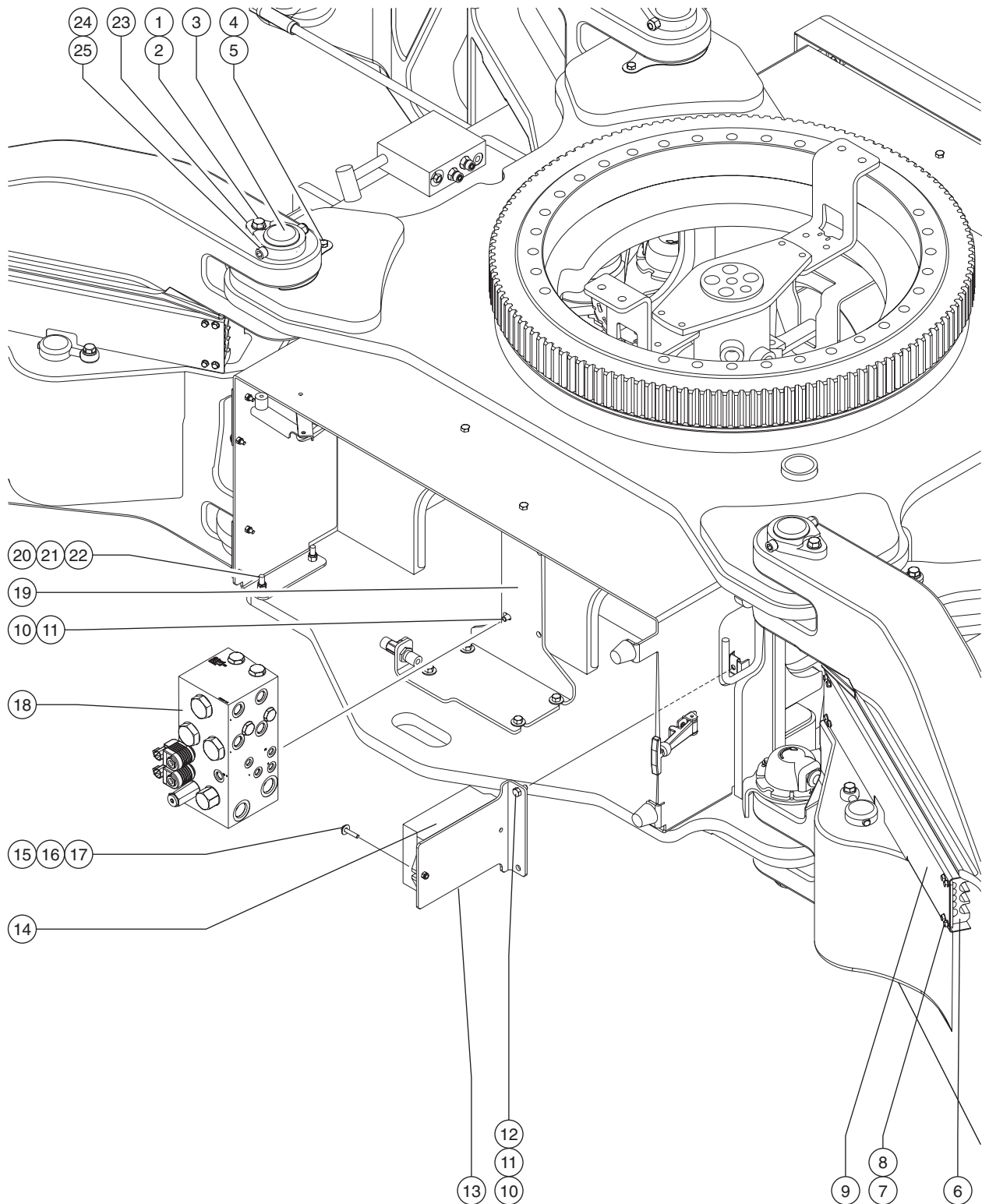
| Figure | Rev | Description |
|--------|-----|--|
| 204.1 | D | Chassis Components, Yellow Triangle Side |



204.1
Chassis Components, Yellow Triangle Side Rev D

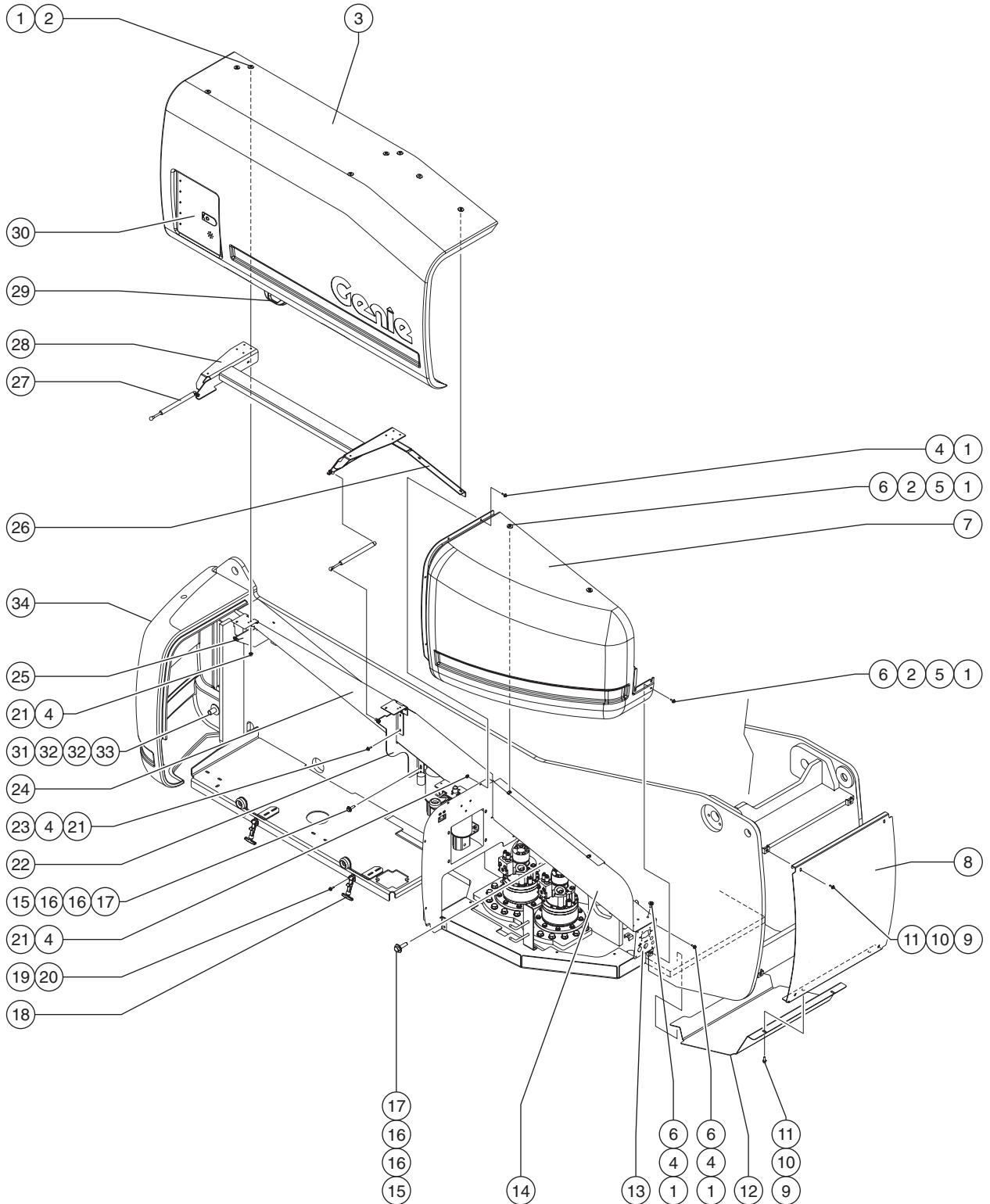
| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|--|------|------|----------|--|------|
| 1 | 6145 | Screw - HHC, 1/4 -20 x 1.5 inches, GR 5 | | 21 | 49816 | Screw - PHPM, 10-32 x 0.75 inch, GR 2 | |
| 2 | 6638 | Flat Washer, 1/4 inch | | 22 | 6178 | Nylock Nut, 10-32 | |
| 3 | 6091 | Nylock Nut, 1/4 -20 | | 23 | 30973 | Rubber Bumper | 4 |
| 4 | 101032P | Manifold Box | 2 | 24 | 6782 | Nylock Nut, 5/16 -18 | |
| 5 | 6019 | Screw - HHC, 3/8 -16 x 1.25 inches, GR 5 | | 25 | 45363 | Flexible Draw Latch | 2 |
| 6 | 4828 | Nylock Nut, 3/8 -16 | | 26 | 8178 | Screw - HHC, 3/8 -16 x 2.5 inches, GR 5 | |
| 7 | 14033 | Screw - HHC, 3/8 -16 x 2.75 inches, GR 5 | | 27 | 101038 | Manifold Mount | 2 |
| 8 | 101504 | Axle Shim as needed | | 28 | Ref. | Steer Manifold (refer to 703.1) | |
| 9 | 107728 | Manifold Box Cover, with word decals (includes items 21-22) | 2 | 29 | 106450 | Manifold Box Cover, with word decals, Yellow Triangle side | 1 |
| — | 106450 | Manifold Box Cover, with symbol decals (includes items 21-22) | | 30 | 6708 | Screw - HHC, 3/8 -16 x 2.25 inches, GR 5 | |
| 10 | Ref. | Hydraulic Swivel (refer to 305.1) | | 31 | 6888 | Screw - HHC, 1/4 -20 x 1 inch, GR 5 | |
| 11 | 101572 | Turntable Bearing | 1 | 32 | 106680 | Door Stop | 4 |
| — | 88212 | Screw - SHC, 3/4 -10 x 3 inches, GR 8 (Top Mount) | 28 | 33 | 106768 | Door Spacer | 2 |
| — | 33278 | Hardened Flat Washer, 3/4 inch . | 28 | | | | |
| — | 21175 | Screw - SHC, 5/8 -11 x 4 inches, GR 8 (Bottom Mount) | 34 | | | | |
| — | 13064 | Flat Washer, 5/8 inch | 34 | | | | |
| 12 | 7339 | Screw - HHC, 1/4 -20 x 0.5 inch, GR 5 | | | | | |
| 13 | 6356 | Lock Washer, 1/4 inch | | | | | |
| 14 | 101039P | Axle Hose Cover, Circle End, Blue Triangle Side and Square End, Yellow Triangle Side | 2 | | | | |
| — | 101558P | Axle Hose Cover, Circle End, Yellow Triangle Side and Square End, Blue Triangle Side ... | 2 | | | | |
| 15 | 6021 | Lock Washer, 3/8 inch | | | | | |
| 16 | 6097 | Flat Washer, 3/8 inch | | | | | |
| 17 | 107536 | Axle Sensor Pin | 2 | | | | |
| — | 101499 | Thrust Washer (not shown) | 2 | | | | |
| 18 | 60609 | Steer Sensor Cover | 2 | | | | |
| 19 | 101081 | Axle Angle Sensor | 2 | | | | |
| 20 | 60618 | Steer Sensor Activator | 2 | | | | |

| Figure | Rev | Description |
|--------|-----|--|
| 205.1 | B | Chassis Components, Blue Triangle Side |



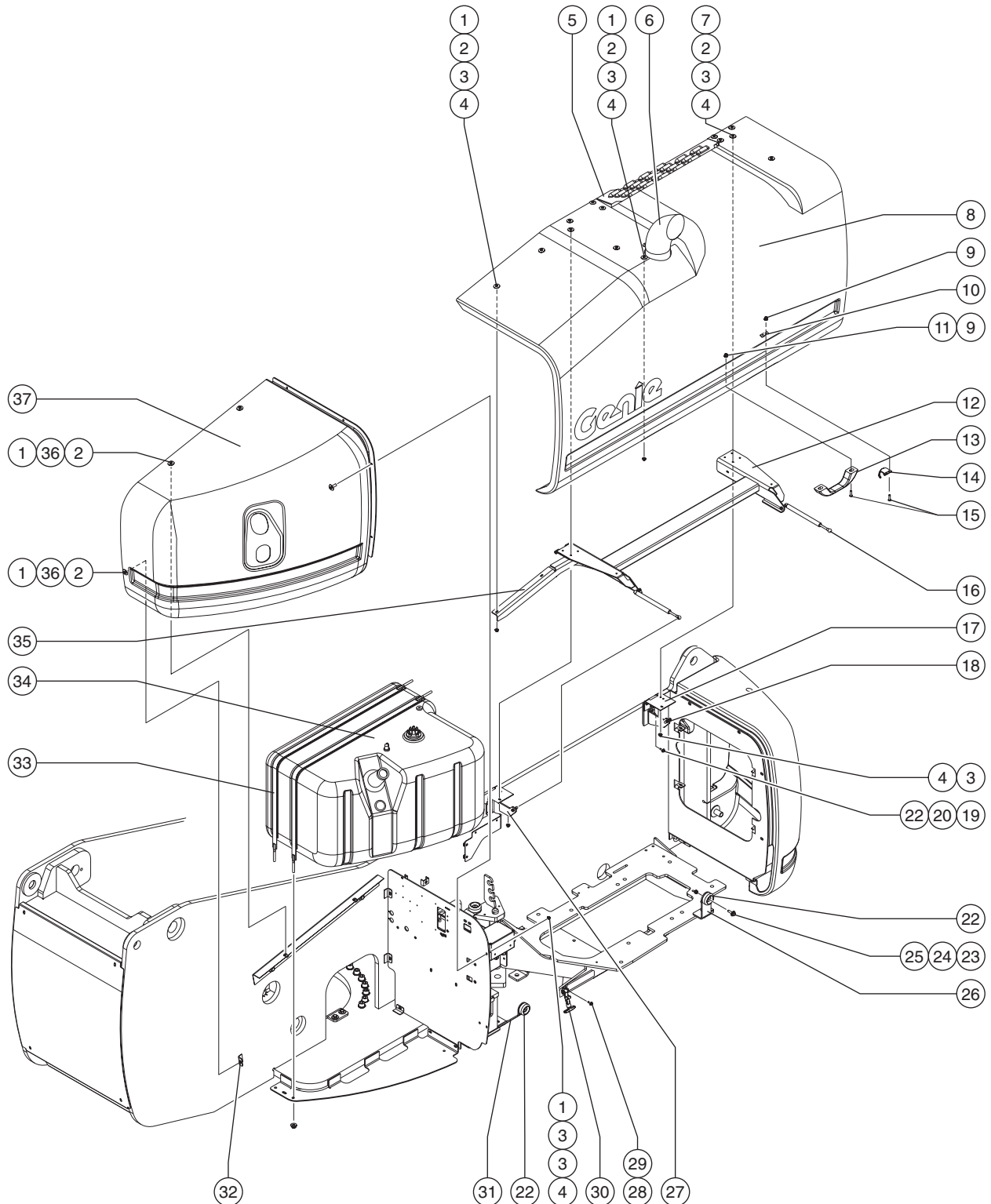
| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| 1 | 10597 | Screw - HHC, 1/2 -13 x 1.25 inches, GR 5 | |
| 2 | 6095 | Flat Washer, 1/2 inch | |
| 3 | 101150 | Pivot Pin, 2.5 x 7.88 inches | 4 |
| 4 | 14033 | Screw - HHC, 3/8 -16 x 2.75 inches, GR 5 | |
| 5 | 101504 | Axle Shim | 4 |
| 6 | 101597 | Hose Clamp | 8 |
| 7 | 11808 | Screw - HHC, 1/4 -20 x 0.375 inch, GR 5 | |
| 8 | 6356 | Lock Washer, 1/4 inch | |
| 9 | 101039 | Axle Cover, Circle End, Blue Triangle Side | 1 |
| 10 | 8255 | Screw - HHC, 3/8 -16 x 0.75 inch, GR 5 | |
| 11 | 6021 | Lock Washer, 3/8 inch | |
| 12 | 29868 | Spring Clip, 3/8 -16 | |
| 13 | 101927 | Drive Controller Mount1 | 1 |
| 14 | 101004 | Drive Controller | 1 |
| 15 | 8915 | Screw - HHC, 1/4 -20 x 1.25 inches, GR 5 | |
| 16 | 6638 | Flat Washer, 1/4 inch | |
| 17 | 6091 | Nylock Nut, 1/4 -20 | |
| 18 | Ref | Traction Manifold (refer to 701.1) | |
| 19 | 101038 | Manifold Mount | 1 |
| 20 | 6708 | Screw - HHC, 3/8 -16 x 2.25 inches, GR 5 | |
| 21 | 6097 | Flat Washer, 3/8 inch | |
| 22 | 4828 | Nylock Nut, 3/8 inch | |
| 23 | 107676P | Pin Retainer Plate | 4 |
| — | 119151 | Pin Retainer Upgrade Kit (includes retainer plate and items 24 and 25) | |
| 24 | 42360 | Screw - SHC, 1/2 -13 x 4 inches | |
| 25 | 6198 | Nylock Nut, 1/2 -13 | |

| Figure | Rev | Description |
|--------|-----|------------------|
| 301.1 | C | Tank Side Covers |



| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|--|------|------|----------|--|------|
| 1 | 6888 | Screw - HHC, 1/4 -20 x 1 inch, GR 5 | | 26 | 60872 | Cover Support | 1 |
| 2 | 12906 | Fender Washer, 0.25 x 1.25 inch | | 27 | 60605 | Gas Strut | 2 |
| 3 | 106871 | Turntable Cover Assembly with Word Decals (USA, Canada, Australia) (includes items 1, 2, 4, 21, 26 and 28) | 1 | 28 | 60578 | Cover Support | 1 |
| — | 106872 | Turntable Cover Assembly with Symbol Decals (Europe, Asia, South America) (includes items 1, 2, 4, 21, 26 and 28) | | 29 | Ref. | Grab Handle (refer to 302.1) | |
| 4 | 6638 | Flat Washer, 1/4 inch | | 30 | 60966P | Access Panel | 1 |
| 5 | 6356 | Lock Washer, 1/4 inch | | — | 60964 | Panel Latch | |
| 6 | 25969 | Spring Clip, 1/4 -20 | | — | 5094 | Screw - RHSM, 10-32 x 0.5 inch | |
| 7 | 60485 | Turntable Cover, Fixed | 1 | — | 6146 | Flat Washer, #10 | |
| 8 | 106021 | End Cover, Upper | 1 | — | 6178 | Nylock Nut, 10-32 | |
| 9 | 6175 | Screw - HHC, 3/8 -16 x 1 inch, GR 5 | | — | 60893 | Hinge | |
| 10 | 6097 | Flat Washer, 3/8 inch | | 31 | 34350 | Screw - HHC, 1-8 x 6 inches, GR 5 | |
| 11 | 29868 | Spring Clip, 3/8 -16 | | 32 | 38859 | Flat Washer, 1 inch | |
| 12 | 106022 | End Cover, Lower | 1 | 33 | 29764 | Nylock Nut, 1-8 | |
| 13 | 89539P | Panel Mount | 1 | 34 | 101444 | Counterweight, Left Side, 775 lbs. | 1 |
| 14 | 60496P | Inner Cover Mount | 1 | — | 101445 | Counterweight, Right Side, 775 lbs | |
| 15 | 6096 | Screw - HHC, 1/2 -13 x 2 inches, GR 5 | | | | | |
| 16 | 6095 | Flat Washer, 1/2 inch | | | | | |
| 17 | 6198 | Nylock Nut, 1/2 -13 | | | | | |
| 18 | 45363 | Flexible Draw Latch | 2 | | | | |
| 19 | 49816 | Screw - PHPM, 10-32 x 0.75 inch, GR 2 | | | | | |
| 20 | 6178 | Nylock Nut, 10-32 | | | | | |
| 21 | 6091 | Nylock Nut, 1/4 -20 | | | | | |
| 22 | 60655-S | Strut Support | 1 | | | | |
| 23 | 6090 | Screw - HHC, 1/4 -20 x 0.75 inch, GR 5 | | | | | |
| 24 | 60509-S | Cover Mount | 1 | | | | |
| 25 | 60670-S | Strut Support | 1 | | | | |

| Figure | Rev | Description |
|--------|-----|--------------------|
| 302.1 | D | Engine Side Covers |



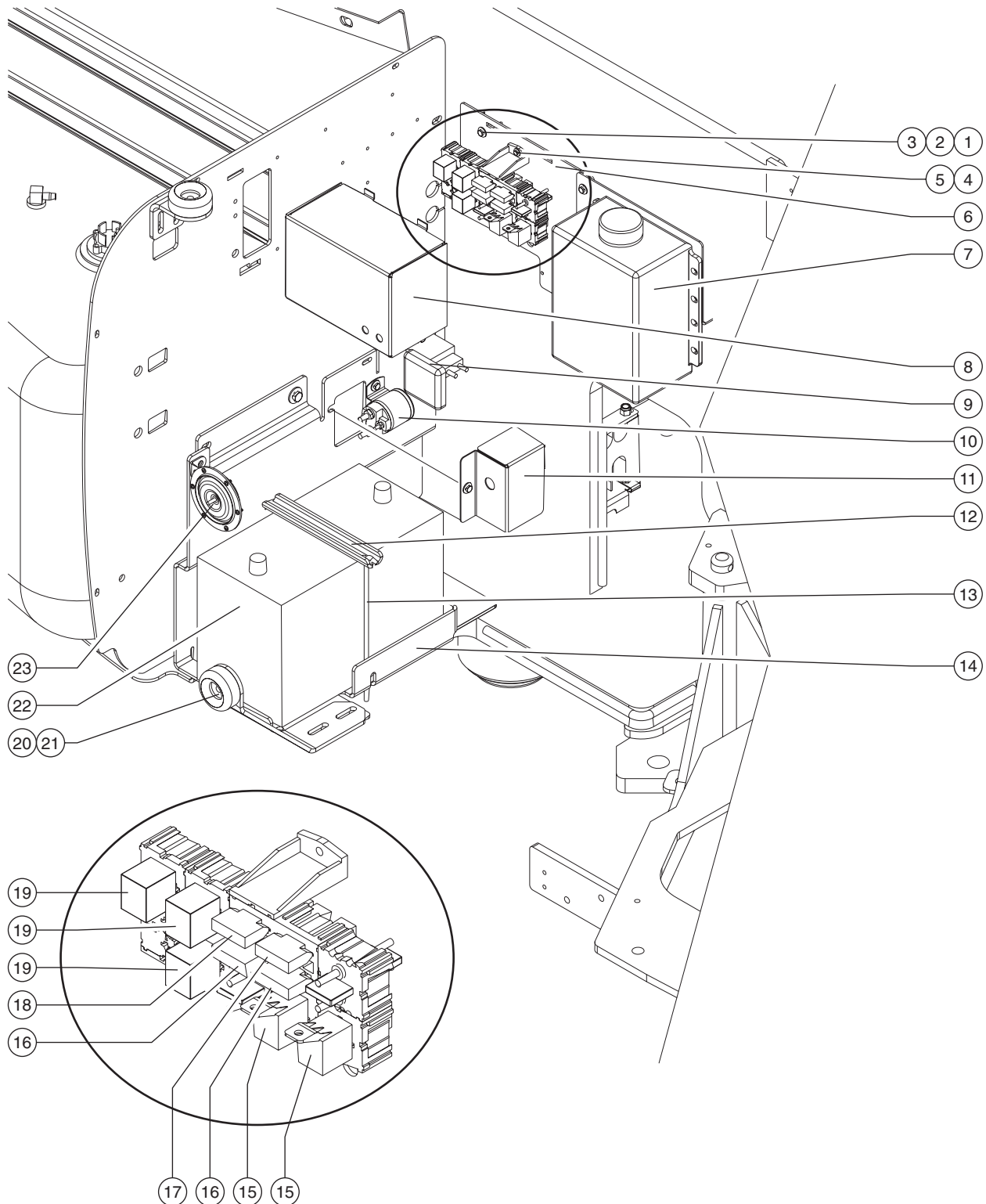
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Part No. 106877

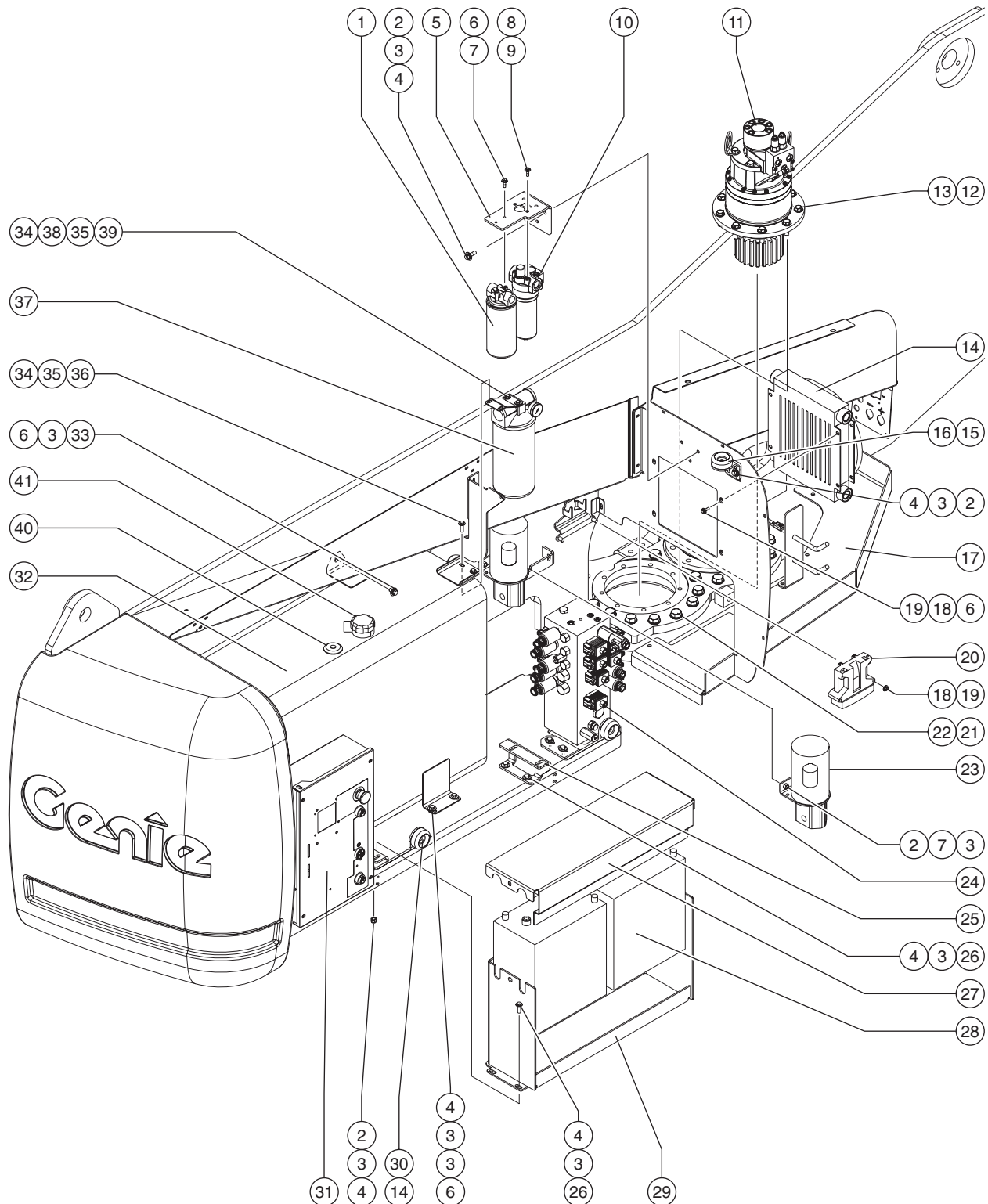
| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|--|------|------|----------|---|------|
| 1 | 6888 | Screw - HHC, 1/4 -20 x 1 inch, GR 5 | | 24 | 6097 | Flat Washer, 3/8 inch | |
| 2 | 12906 | Fender Washer, 1/4 inch | | 25 | 4828 | Nylock Nut, 3/8 -16 | |
| 3 | 6638 | Flat Washer, 1/4 inch | | 26 | 60778 | Rubber Bumper Mount (Deutz and Perkins models) | 1 |
| 4 | 6091 | Nylock Nut, 1/4 -20 | | 27 | 75411 | Strut Mount, Fuel Tank Side | 1 |
| 5 | 60595-S | Louvered Vent | 1 | — | 75410 | Strut Mount, Fan Side | |
| 6 | 60604 | Exhaust Tube (before serial number 134) | 1 | 28 | 49816 | Screw - PHPM, 10-32 x 0.75 inch, GR 2 | |
| — | 101964 | Exhaust Tube (after serial number 133) | 1 | 29 | 6178 | Nylock Nut, 10-32 | |
| 7 | 8915 | Screw - HHC, 1/4 -20 x 1.25 inch, GR 5 | | 30 | 45363 | Flexible Draw Latch | 2 |
| 8 | 106881 | Cover Assembly with Word Decals (USA, Canada, Australia) (includes items 1-7, 9-15, and 35) | 1 | 31 | 60727 | Rubber Bumper Mount | 1 |
| — | 106882 | Cover Assembly with Symbol Decals (Europe, Asia, South America) (includes items 1-7, 9-15 and 27) | | 32 | 25969 | Spring Clip, 1/4 -20 | |
| 9 | 6178 | Nylock Nut, 10-32 | | 33 | 60938 | Tank Strap | 2 |
| 10 | 50790 | Backing Plate | 2 | 34 | 61236 | Fuel Tank Assembly, 40 gallon | 1 |
| 11 | 6146 | Flat Washer, #10 | | — | 101726 | Fuel Cap - Green | |
| 12 | 60578 | Cover Support | 1 | — | 60805 | Tube Assembly | |
| 13 | 60884 | Grab Handle | 1 | — | 60890 | Low Fuel Sender | |
| 14 | 75076 | Keeper Latch | 2 | 35 | 60872 | Cover Support | 1 |
| 15 | 6606 | Screw - RHM, 10-32 x 0.75 inch, GR 5 | | 36 | 6356 | Lock Washer, 1/4 inch | |
| 16 | 60605 | Gas Strut (includes item 19) | 2 | 37 | 50082 | Fuel Tank Cover | 1 |
| 17 | 75073 | Cover Hinge | 2 | | | | |
| 18 | 40265 | Ball Stud | | | | | |
| 19 | 8255 | Screw - HHC, 3/8 -16 x 0.75 inch, GR 5 | | | | | |
| 20 | 6021 | Lock Washer, 3/8 inch | | | | | |
| 21 | 6097 | Flat Washer, 3/8 inch | | | | | |
| 22 | 50974 | Rubber Bumper | 3 | | | | |
| 23 | 6175 | Screw - HHC, 3/8 -16 x 1 inch, GR 5 | | | | | |

| Figure | Rev | Description |
|--------|-----|-------------------------------|
| 303.1 | B | Engine Compartment Components |



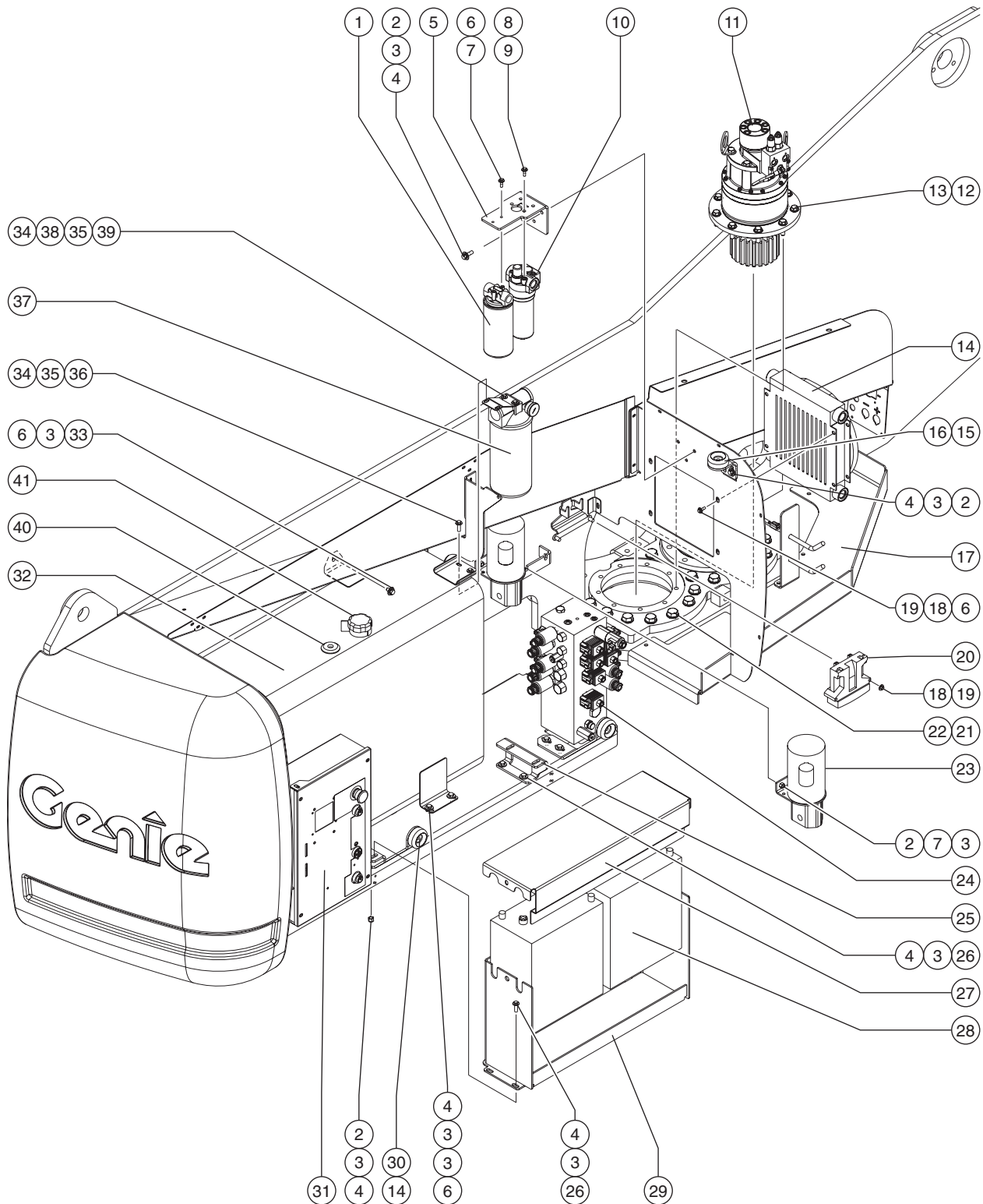
| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 1 | 71508 | Screw - HHC, 3/8 -16 x 0.5 inch, GR 2 | |
| 2 | 6097 | Flat Washer, 3/8 inch | |
| 3 | 29868 | Spring Clip, 3/8 -16 | |
| 4 | 17650 | Screw - FHSM, 10-32 x 0.5 inch | |
| 5 | 6178 | Nylock Nut, 10-32 | |
| 6 | 107525 | Fuse Board Mount | 1 |
| 7 | 60721 | Coolant Recovery Bottle (Cummins and Perkins models) ... | 1 |
| 8 | 88266 | Fuse Board Cover | 1 |
| 8 | 61343 | Battery Separator | 1 |
| 10 | 53967 | Solenoid, 12V DC (Cummins models) | 1 |
| 11 | 107543 | Solenoid Cover (Cummins models) | 1 |
| 12 | 60940 | Battery Hold Down | 1 |
| 13 | 45708 | Battery Hold Down Hook | 1 |
| 14 | 107512 | Battery Tray | 1 |
| 15 | 61225 | Relay, 12V DC, 70A (Perkins and Deutz models) | 2 |
| — | 61225 | Relay, 12V DC, 70A (Cummins models) | 1 |
| 16 | 60536 | Maxi Fuse, 20A | 2 |
| 17 | 94327 | Maxi Fuse, 30A | 1 |
| 18 | 101340 | Maxi Fuse, 60A (Perkins and Deutz models) | 1 |
| 19 | 34052 | Relay, SPDT, 12V DC | 3 |
| 20 | 50974 | Rubber Bumper | 3 |
| 21 | 60727 | Bumper Mount | 2 |
| 22 | 30143 | Battery, 12V DC, 1000CCA | 1 |
| 23 | 81578 | Horn, 12V DC | 1 |

Figure 304.1
Rev D
Description Hydraulic Tank Side Components



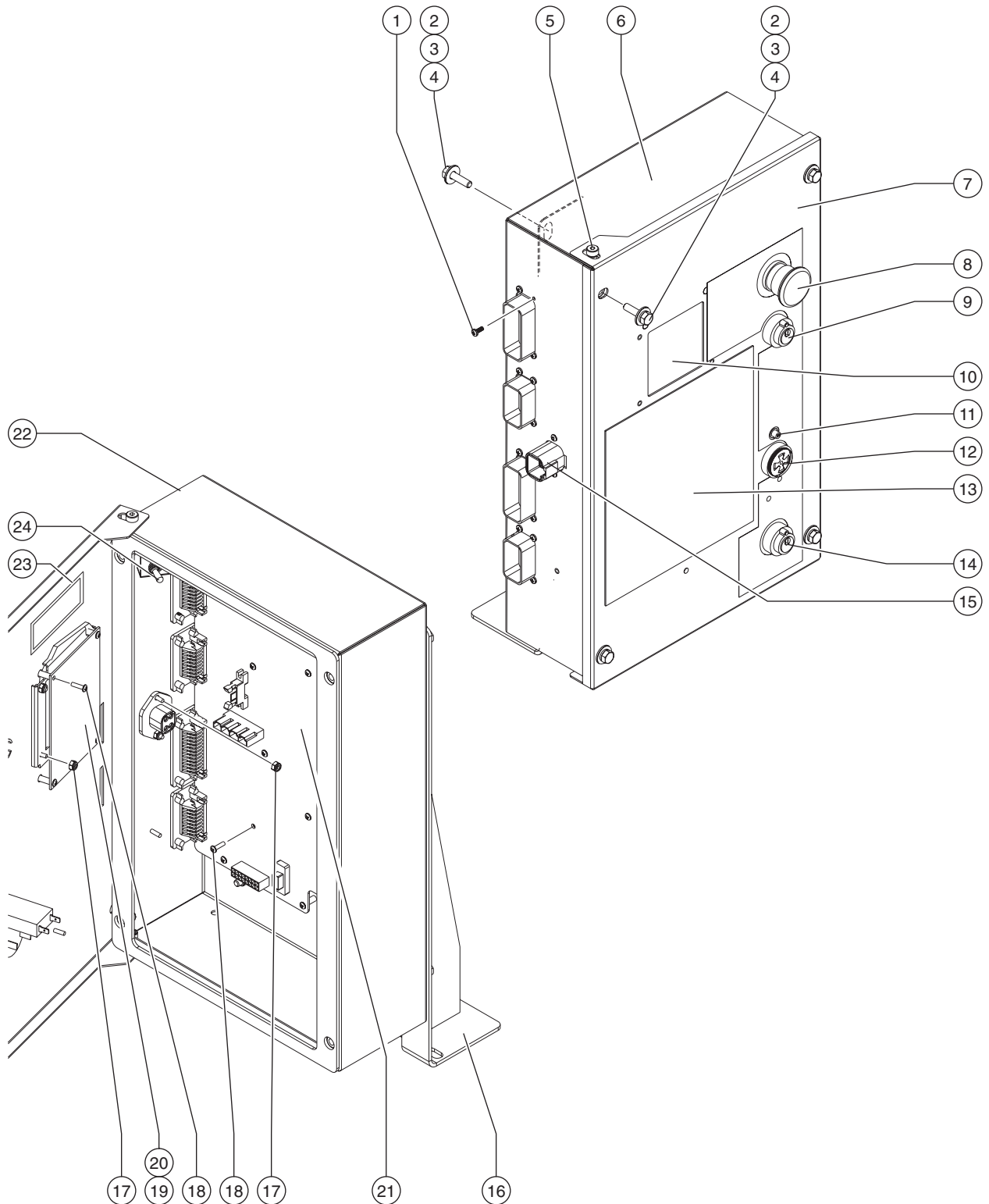
| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|--|------|--|----------|---|------------|
| 1 | 87070 | Filter Assembly | 1 | 19 | 6091 | Nylock Nut, 1/4 -20 | |
| — | 52465 | Filter Element | | 20 | 94978 | SCON Module | 1 |
| 2 | 6175 | Screw - HHC, 3/8 -16 x 1 inch, GR 5 | | 21 | 88212 | Screw - SHC, 3/4 -10 x 3 inches, GR 8 | 16 |
| 3 | 6097 | Flat Washer, 3/8 inch | | 22 | 33278 | Flat Washer, 3/4 inch, Hardened | 16 |
| 4 | 4828 | Nylock Nut, 3/8 -16 | | 23 | 101361 | Auxilliary Power Unit | 2 |
| 5 | 70516P | Filter Bracket | 1 | — | 101682 | Negative Cable Assembly, Black | 31 inches |
| 6 | 8255 | Screw - HHC, 3/8 -16 x 0.75 inch, GR 5 | | — | 101683 | Negative Cable Assembly, Black | 34 inches |
| 7 | 6021 | Lock Washer, 3/8 inch | | — | 101180 | Cable Assembly, Black (Battery one to Battery two) | |
| 8 | 6090 | Screw - HHC, 1/4 -20 x 0.75 inch, GR 5 | | — | 101181 | Positive Cable Assembly, Red | 162 inches |
| 9 | 6356 | Lock Washer, 1/4 -20 | | — | 101182 | Positive Cable Assembly, Red | 63 inches |
| 10 | 60334 | High Pressure Filter Assembly | 1 | — | 101185 | Cable Assembly, Jumper .. | 5 inches |
| — | 60857 | Filter Element | | 24 | Ref. | Function Manifold (refer to 705.1 or 706.1) | |
| — | 58222 | O-ring | | 25 | 107511 | Auxilliary Battery Box Mount | 2 |
| — | 58223 | Seal | | 26 | 6019 | Screw - HHC, 3/8 -16 x 1.25 inches, GR 5 | |
| 11 | 88921 | Swing Drive Assembly | 2 | 27 | 107510 | Battery Box Cover | 1 |
| — | 94620 | Torque Hub Seal Kit | | 28 | 56462 | Battery, 285AH, 6V DC | 2 |
| — | 94621 | Swing Motor | | 29 | 107509 | Battery Box | 1 |
| — | 94622 | Brake Port Hardline | | 30 | 60727 | Bumper Mount | 2 |
| — | 94623 | Friction Disc Kit | | This list continues on the next page. | | | |
| — | 94624 | Brake Spring Kit | | | | | |
| — | 94625 | Brake Seal Kit | | | | | |
| — | 94626 | Brake | | | | | |
| — | 83009 | Counterbalance Valve, 100 psi / 6.9 bar | | | | | |
| — | 44957 | Shuttle Valve | | | | | |
| — | 81366 | Counterbalance and Brake Manifold | | | | | |
| — | 58304 | Output Shaft | | | | | |
| 12 | 54177 | Screw - HHC, 1/2 -13 x 1.5 inch, GR 8 | 18 | | | | |
| 13 | 13066 | Flat Washer, 1/2 inch, Hardened | 18 | | | | |
| 14 | 71259 | Oil Cooler with Fan | 1 | | | | |
| — | 75854 | Vented Fan | | | | | |
| — | 75855 | Thermostat | | | | | |
| 15 | 50974 | Rubber Bumper | 3 | | | | |
| 16 | 60729P | Bumper Mount | 1 | | | | |
| 17 | 106020P | Hose Tray | 1 | | | | |
| 18 | 6638 | Flat Washer, 1/4 inch | | | | | |

Figure 304.1
Rev E
Description Hydraulic Tank Side Components



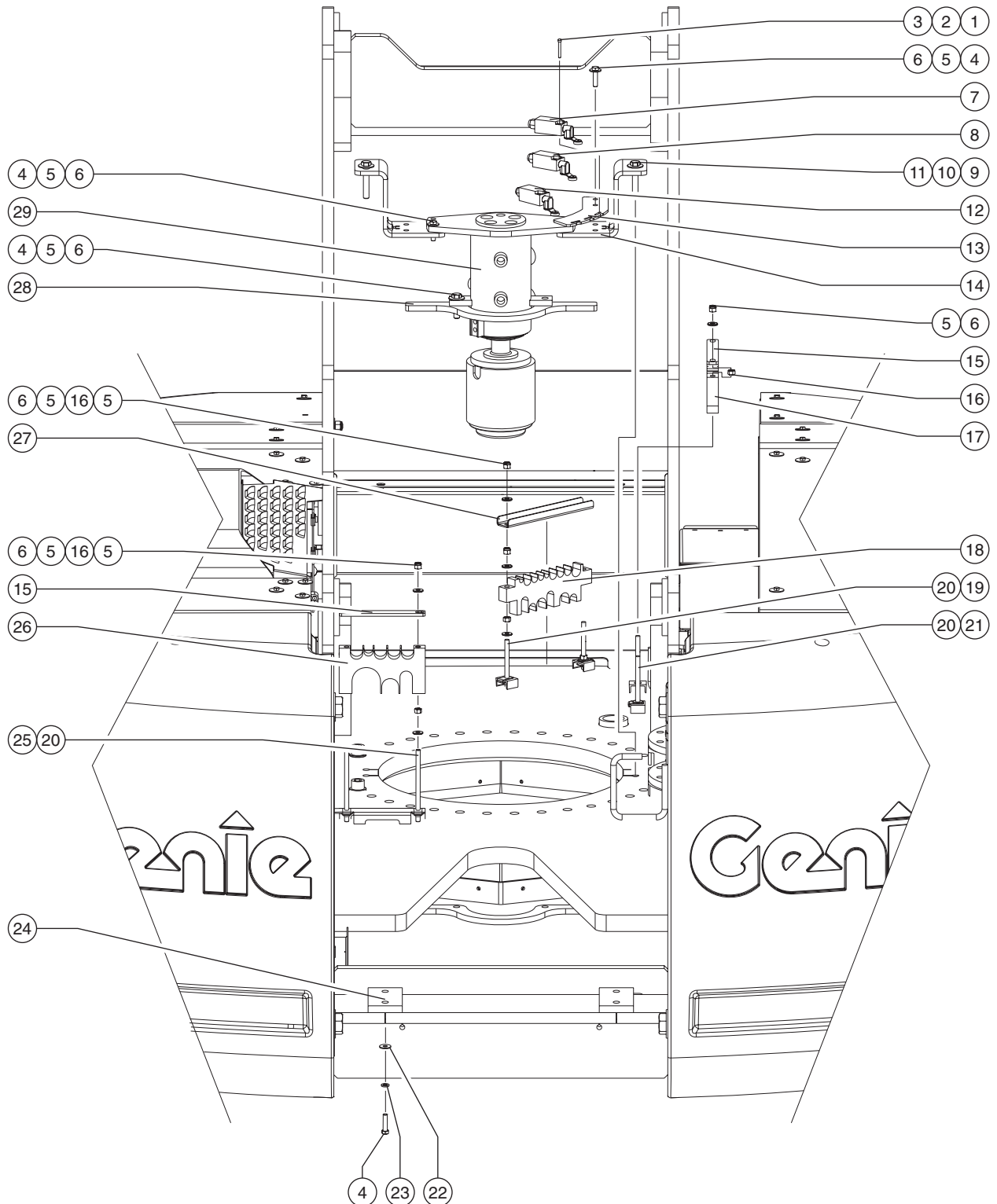
| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 31 | Ref. | Ground Controls (refer to 305.1) | |
| 32 | 101483 | Hydraulic Tank, 65 Gallons | 1 |
| 33 | 29868 | Spring Clip, $\frac{3}{8}$ -16 | 2 |
| 34 | 13002 | Screw - HHC, $\frac{5}{16}$ -18 x 1 inch, GR 5 | |
| 35 | 5397 | Flat Washer, $\frac{5}{16}$ inch | |
| 36 | 6782 | Nylock Nut, $\frac{5}{16}$ inch | |
| 37 | 101959 | Return Filter, 10 Micron | 1 |
| — | 101960 | Filter Element | |
| 38 | 6886 | Lock Washer, $\frac{5}{16}$ inch | |
| 39 | 60936 | Return Filter Bracket (before serial number 321) | 1 |
| — | 119171P | Return Filter Bracket (after serial number 320) | |
| 40 | 60559 | Breather | |
| 41 | 102524 | Cap, Filler | |

| Figure | Rev | Description |
|--------|-----|-----------------|
| 305.1 | B | Ground Controls |



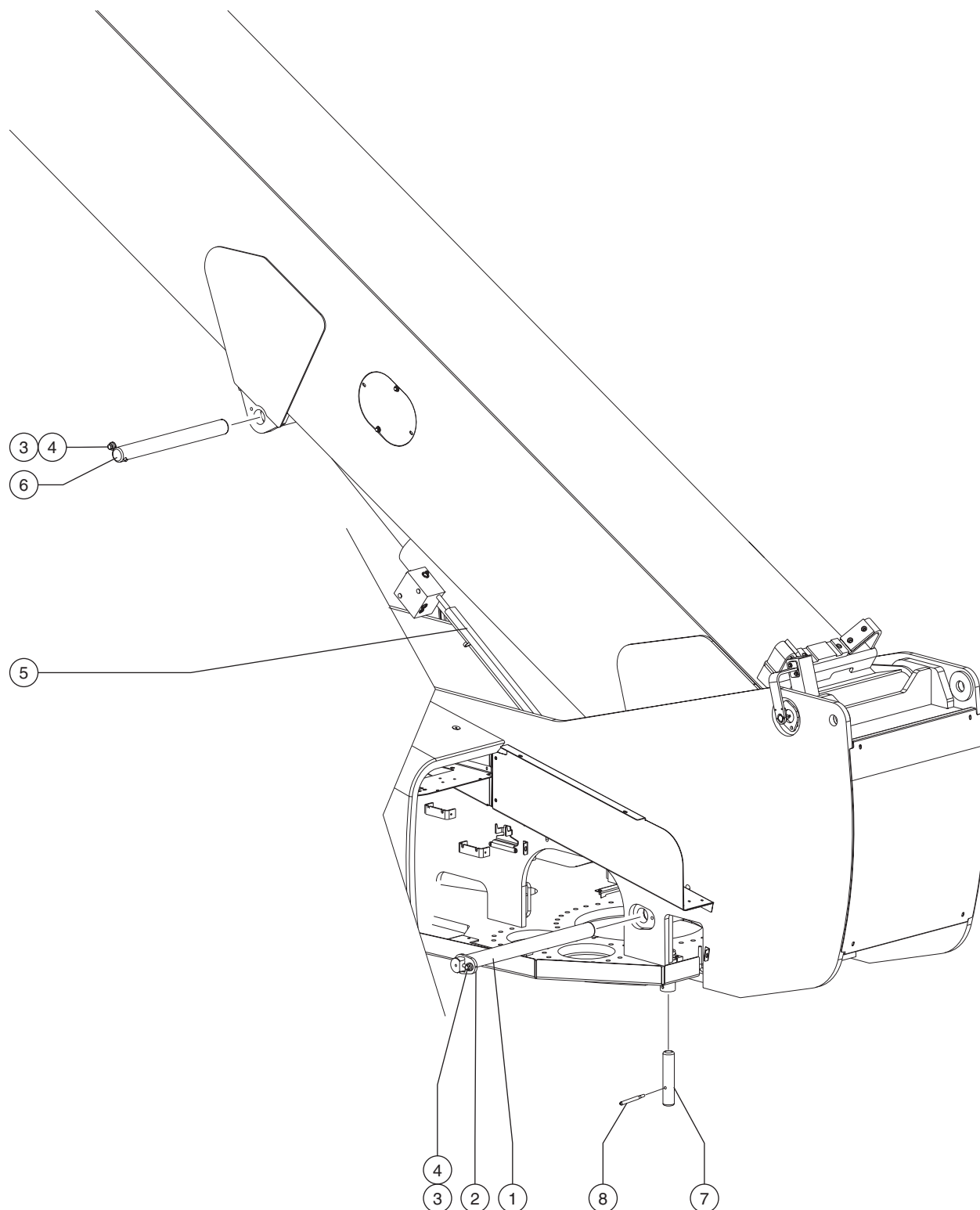
| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| 1 | 81551 | Screw - PHPM, 6-32 x 0.25 inch | |
| 2 | 6888 | Screw - HHC, 1/4 -20 x 1 inch, GR 5 | |
| 3 | 6356 | Lock Washer, 1/4 inch | |
| 4 | 6638 | Flat Washer, 1/4 inch | |
| 5 | 88315 | Screw - SHS, 1/4 -20 x 0.25 inch | |
| 6 | 106512 | Ground Control Box Assembly, Complete (does not include item 16) | 1 |
| 7 | 107714 | Ground Control Box Lid with Decal (includes item 13) | 1 |
| 8 | 66812 | Push Button, Red Mushroom Head | 1 |
| — | 66817 | Base with 1 N.C. Contact | |
| — | 29732 | Contact, N.C. | |
| 9 | 33574 | Key Switch, 3 position maintained (includes base) | 1 |
| — | 32612 | Key Switch, 3 position maintained | |
| 10 | 62374 | LCD Lens | 1 |
| 11 | 47899 | Circuit Breaker, 20A | 1 |
| 12 | 62379 | Audio Alarm | 1 |
| — | 72326 | Plastic Ring Nut | |
| 13 | 106510 | Membrane Decal | 1 |
| 14 | 62381 | Key Switch, 3 position | 1 |
| — | 62380 | Base with 1 N.O. and 1 N.C. contact | |
| 15 | 73717 | Receptacle, 4 way | 1 |
| 16 | 60571P | Control Box Mount | 1 |
| 17 | 12344 | Nylock Nut, 6-32 | |
| 18 | 49820 | Screw - PHPM, 6-32 x 0.5 inch, GR 2 | |
| 19 | 62375 | LCD Clip | 1 |
| 20 | 88056 | LCD Assembly | 1 |
| 21 | 101002 | PCB Assembly | 1 |
| 22 | 88177 | Ground Control Box Gasket | 1 |
| 23 | 82812 | Label, Decal, Read the Service Manual | 1 |
| 24 | 56457 | Calibration Toggle Switch | 1 |

| Figure | Rev | Description |
|--------|-----|-----------------------------|
| 306.1 | B | Turntable Center Components |



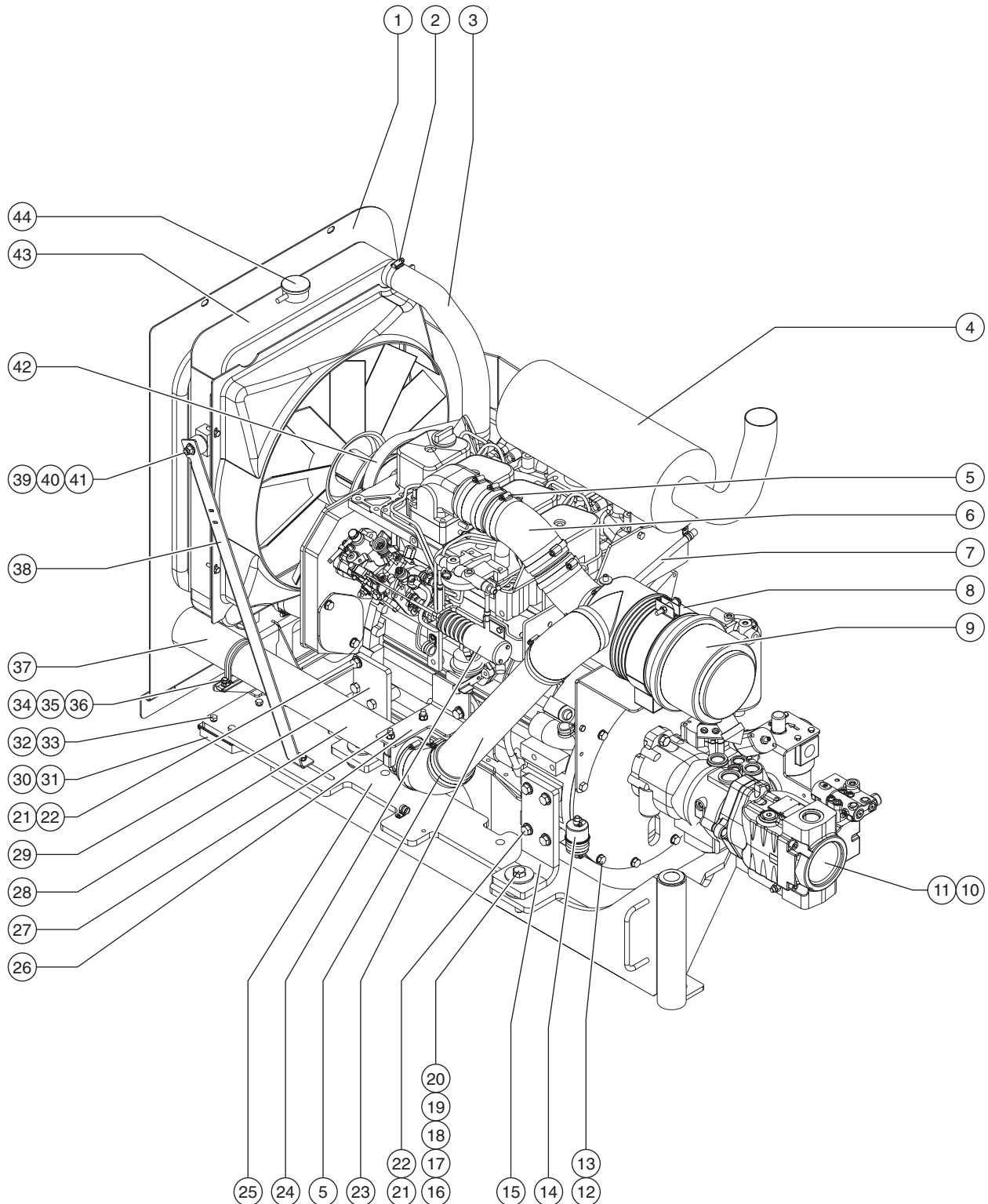
| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|-------------|---|------|------|----------|--|------|
| 1 | 51063 | Screw - RHPM, 10-32 x 1.5 inches, GR 2 | | 21 | 31723 | Threaded Rod, 3/8 -16 x 5 inches | |
| 2 | 6146 | Flat Washer, #10 | | 22 | 6097 | Flat Washer, 3/8 inch | |
| 3 | 6178 | Nylock Nut, 10-32 | | 23 | 6021 | Lock Washer, 3/8 inch | |
| 4 | 8516 | Screw - HHC, 3/8 -16 x 1.5 inches, GR 5 | | 24 | 34124 | Wear Pad, 5 x 3 x 0.625 inch 2 | |
| 5 | 6097 | Flat Washer, 3/8 inch | | 25 | 107755 | Threaded Rod, 3/8 -16 x 6.5 inches | |
| 6 | 4828 | Nylock Nut, 3/8 -16 | | 26 | 106013 | Hose Clamp 1 | |
| 7 | 94993 | Limit Switch Assembly 1 | | 27 | 106684 | Clamp Hold Down 1 | |
| — | 88356-43103 | Limit Switch with Roller Arm | | 28 | 106498 | Hydraulic Swivel Support 1 | |
| — | 43960 | Wire Cable, 16 gauge / 4 con | | 29 | 89437 | Hydraulic/Electrical Swivel Assembly (before serial number 114) 1 | |
| — | 60438 | Connection Receptacle, 2-way, 14-16 gauge | | — | 107533 | Hydraulic/Electrical Swivel Assembly (after serial number 113) | |
| — | 60439 | Receptacle Lock | | — | 75126 | Hydraulic Swivel | |
| — | 83130 | Terminal Pin | | — | 62321 | Hydraulic Seal Kit | |
| 8 | 94995 | Limit Switch Assembly 1 | | — | 102279 | Electrical Swivel | |
| — | 88356-43103 | Limit Switch with Roller Arm | | — | 75128 | Mounting Spacer | |
| — | 43960 | Wire Cable, 16 gauge / 4 con | | — | 75129 | Anti-rotation Arm | |
| — | 60428 | Plug, 4-way, 14-18 gauge | | | | | |
| — | 60429 | Plug Lock, 4-way, 14-18 gauge | | | | | |
| — | 54260 | Terminal Socket | | | | | |
| 9 | 10598 | Screw - HHC, 1/2 -13 x 3 inches, GR 5 | | | | | |
| 10 | 6095 | Flat Washer, 1/2 inch | | | | | |
| 11 | 6198 | Nylock Nut, 1/2 -13 | | | | | |
| 12 | 94994 | Limit Switch Assembly 1 | | | | | |
| — | 88356-43103 | Limit Switch with Roller Arm | | | | | |
| — | 43960 | Wire Cable, 16 gauge / 4 con | | | | | |
| — | 60442 | Connection Receptacle, 4-way, 14-18 gauge | | | | | |
| — | 60443 | Receptacle Lock | | | | | |
| — | 83130 | Terminal Pin | | | | | |
| 13 | 101570 | Limit Switch Bracket 1 | | | | | |
| 14 | 60575 | Hydraulic Swivel Mount 2 | | | | | |
| 15 | 106830 | Hose Clamp Plate 2 | | | | | |
| 16 | 6022 | Nut, 3/8 -16 GR 2 | | | | | |
| 17 | 106012 | Hose Clamp 1 | | | | | |
| 18 | 106014 | Hose Clamp, Elevate Hoses 1 | | | | | |
| 19 | 7684 | Threaded Rod, 3/8 -16 x 4.25 inches | | | | | |
| 20 | 29868 | Spring Clip, 3/8 -16 | | | | | |

| Figure | Rev | Description |
|--------|-----|------------------------------|
| 307.1 | B | Secondary Boom Lift Cylinder |



| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 1 | 107654 | Pivot Pin, 2.5 x 31.5 inches | 1 |
| 2 | 107653 | Pin Retainer Plate | 1 |
| 3 | 54177 | Screw - HHC, 1/2 -13 x 1.5 inches, GR 8 | 2 |
| 4 | 30418 | Rod End, 1/2 x 3.75 inches | 2 |
| 5 | 61812 | Secondary Lift Cylinder | 1 |
| — | 106376 | Seal Kit | |
| — | 106846 | Counterbalance Valve, 4000 psi / 281 bar (extend hold) | |
| — | 76069 | Counterbalance Valve, 4000 psi / 281 bar (extend hold backup and retract) | |
| — | 27697 | Bearing, 2.5 x 2.75 x 1.5 inches | |
| 6 | 94818 | Pivot Pin, 2.5 x 25 inches | 1 |
| 7 | 61222 | Transport Storage Lock Pin, 1.75 x 8.5 Inches | 1 |
| 8 | 61223 | Transport Storage Lock Pin Handle, 0.5 x 6 inches | 1 |

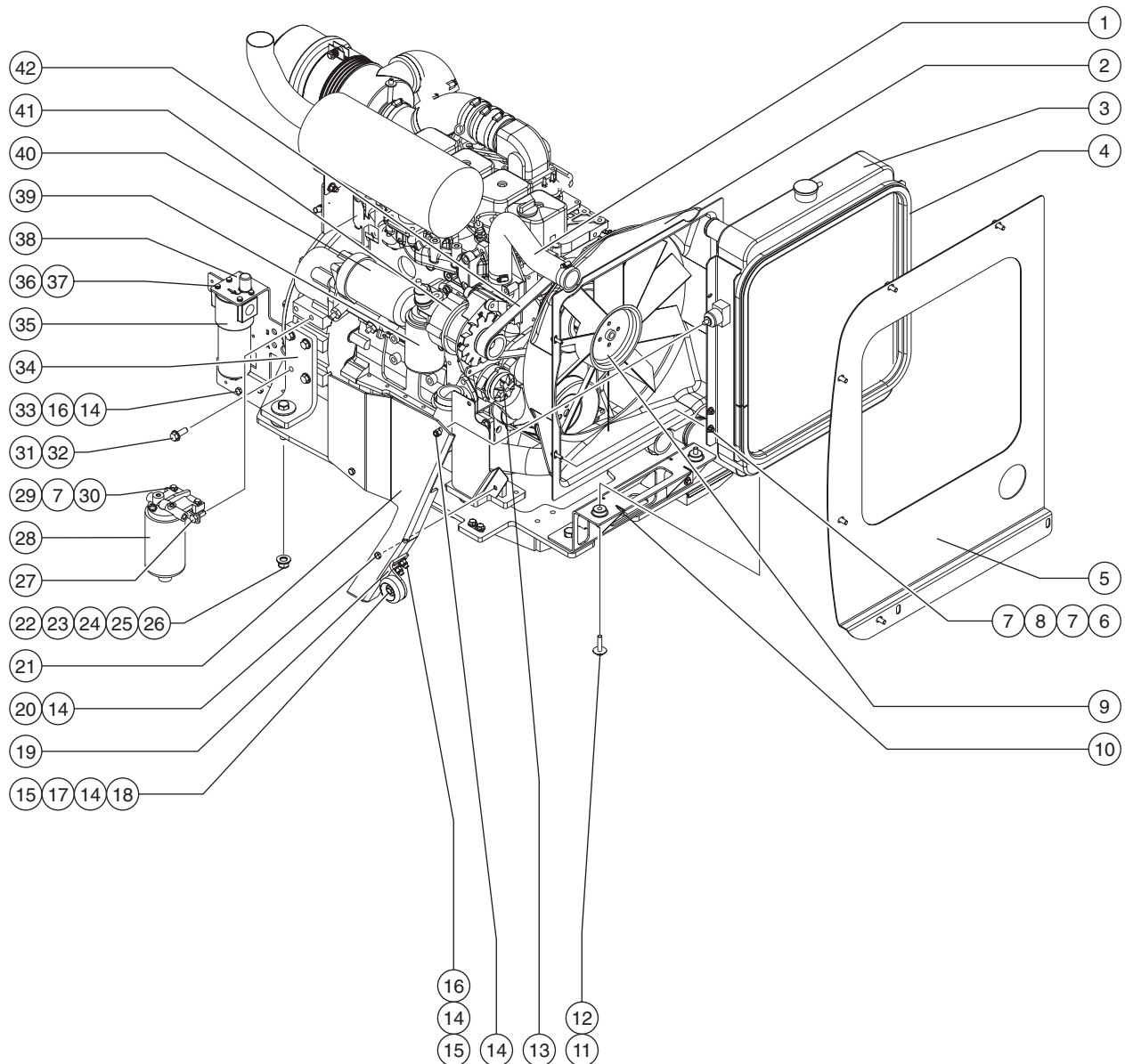
| Figure | Rev | Description |
|--------|-----|------------------------------|
| 401.1 | B | Cummins B4.5L Engine, View 1 |



401.1
Cummins B4.5L Engine, View 1 Rev B

| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|------------|---|------|------|------------|--|-----------|
| 1 | 70537P | Engine Air Baffle | 1 | 25 | 106785 | Engine Tray Assembly | 1 |
| 2 | 22672 | Hose Clamp, 1.75 inches | 2 | — | 35675 | Flanged Bearing, 1.25 x 1.5 x 1.25 inches | |
| 3 | 60586 | Upper Radiator Hose | 1 | 26 | 70556 | Intake Tube Bracket | 1 |
| 4 | 60550 | Muffler | 1 | 27 | 61273 | Heavy Duty Clamp | 1 |
| — | 75151 | Gasket | | 28 | 81738-2700 | Round Tube, 3 inch Diameter, 27 inches | |
| — | 61024 | Diesel Scrubber (option) | | 29 | 102043 | Front Engine Mount | 1 |
| 5 | 30489 | Hose Clamp, 3.5 inches | 6 | 30 | 60637 | Wear Pad | 1 |
| 6 | 61270 | Inlet Elbow, 45° | 2 | 31 | 60826 | Shim | as needed |
| — | 106211-300 | Rubber Hose, 3 inch ID | | 32 | 6019 | Screw - HHC, $\frac{3}{8}$ -16 x 1.25 inches, GR 5 | |
| 7 | 102301 | Dipstick | 1 | 33 | 6021 | Lock Washer, $\frac{3}{8}$ inch | |
| 8 | 81468 | Air Cleaner Mounting Bracket | 1 | 34 | 6888 | Screw - $\frac{1}{4}$ -20 x 1 inch, GR 5 | |
| 9 | 81467 | Air Cleaner | 1 | 35 | 6638 | Flat Washer, $\frac{1}{4}$ inch | |
| — | 62425 | Element | | 36 | 56912 | Spring Clip, $\frac{1}{4}$ -20 | |
| — | 101662 | Precleaner Option | | 37 | 70257 | Hose Clamp, 3 inch | |
| 10 | Ref. | Function Pump (refer to 714.1) | | 38 | 75262 | Radiator Strut | |
| 11 | Ref. | Drive Pump (refer to 714.1) | | 39 | 75260 | Radiator Isolator | 1 |
| 12 | 44064 | Screw - HHC, M10 x 30mm | | 40 | 4828 | Nylock Nut, $\frac{3}{8}$ -16 | |
| 13 | 22699 | Flat Washer, M10 | | 41 | 5397 | Flat Washer, $\frac{3}{8}$ inch | |
| 14 | 33971 | Fuel Return Filter | 1 | 42 | 102203 | Serpentine Belt | 1 |
| 15 | 102044 | Rear Engine Mount..... | 2 | 43 | 70518 | Radiator | 1 |
| 16 | 13003 | Screw - HHC, $\frac{5}{8}$ -11 x 3.5 inches, GR 8 | 2 | 44 | 65473 | Radiator Cap | 1 |
| 17 | 33418 | Flat Washer, $\frac{5}{8}$ inch | | | | | |
| 18 | 102045 | Engine Vibration Isolator | 2 | | | | |
| 19 | 13064 | Flat Washer, $\frac{5}{8}$ inch, hardened | | | | | |
| 20 | 6024 | Nylock Nut, $\frac{5}{8}$ inch | | | | | |
| 21 | 27584 | Screw - HHC, M12 x 35mm | | | | | |
| 22 | 49410 | Flat Washer, M12 | | | | | |
| 23 | 81738-2200 | Round Tube, 3 inch Diameter, 22 inches | | | | | |
| 24 | 101957 | Solenoid Throttle Assembly | 1 | | | | |
| — | 89996 | Solenoid | | | | | |
| — | 60525 | Connection Receptacle, 4-way | | | | | |
| — | 60526 | Receptacle Lock | | | | | |
| — | 60757 | Seal | | | | | |
| — | 73711 | Terminal Pin | | | | | |

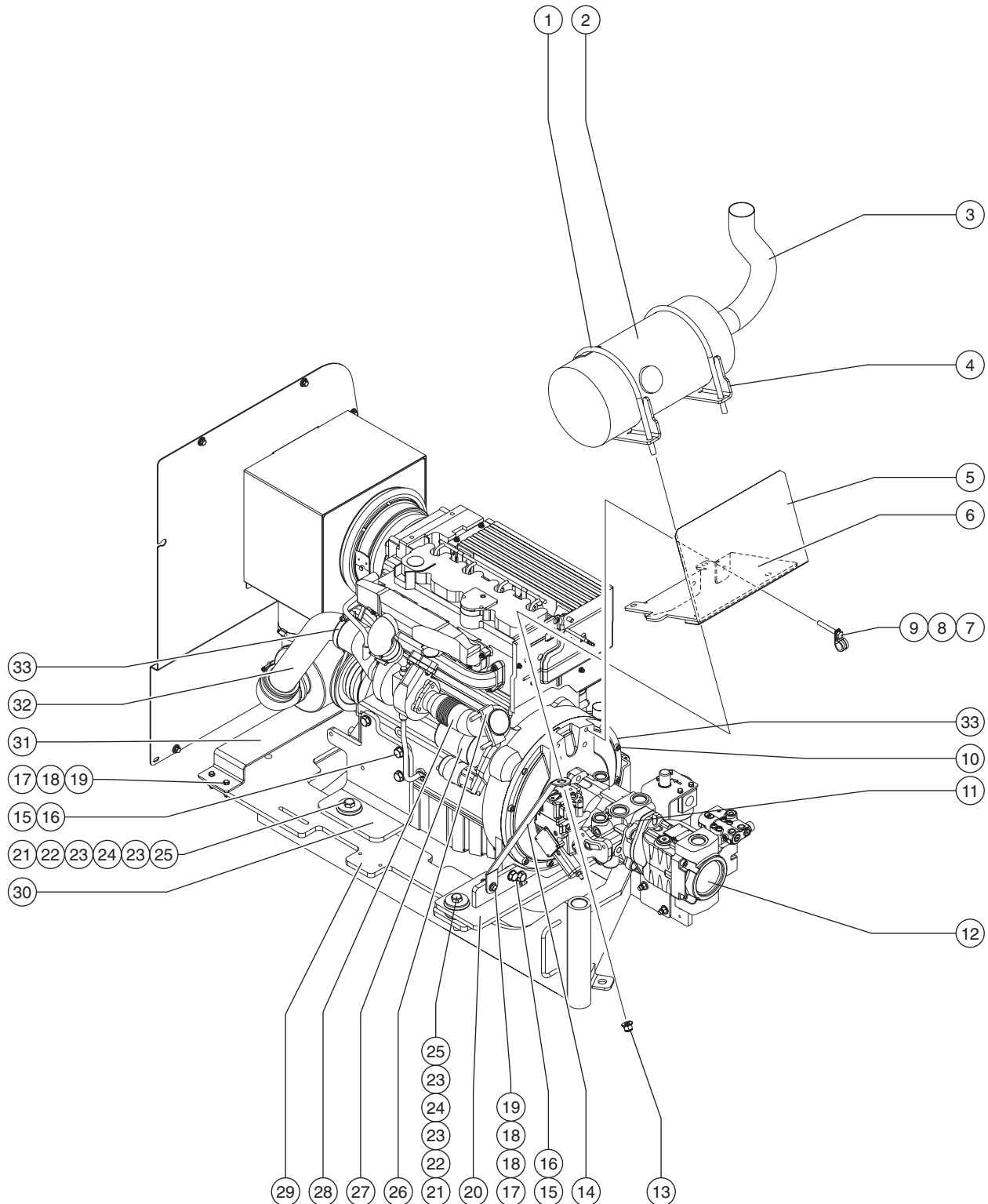
| Figure | Rev | Description |
|--------|-----|------------------------------|
| 402.1 | C | Cummins B4.5L Engine, View 2 |



402.1
Cummins B4.5L Engine, View 2 Rev C

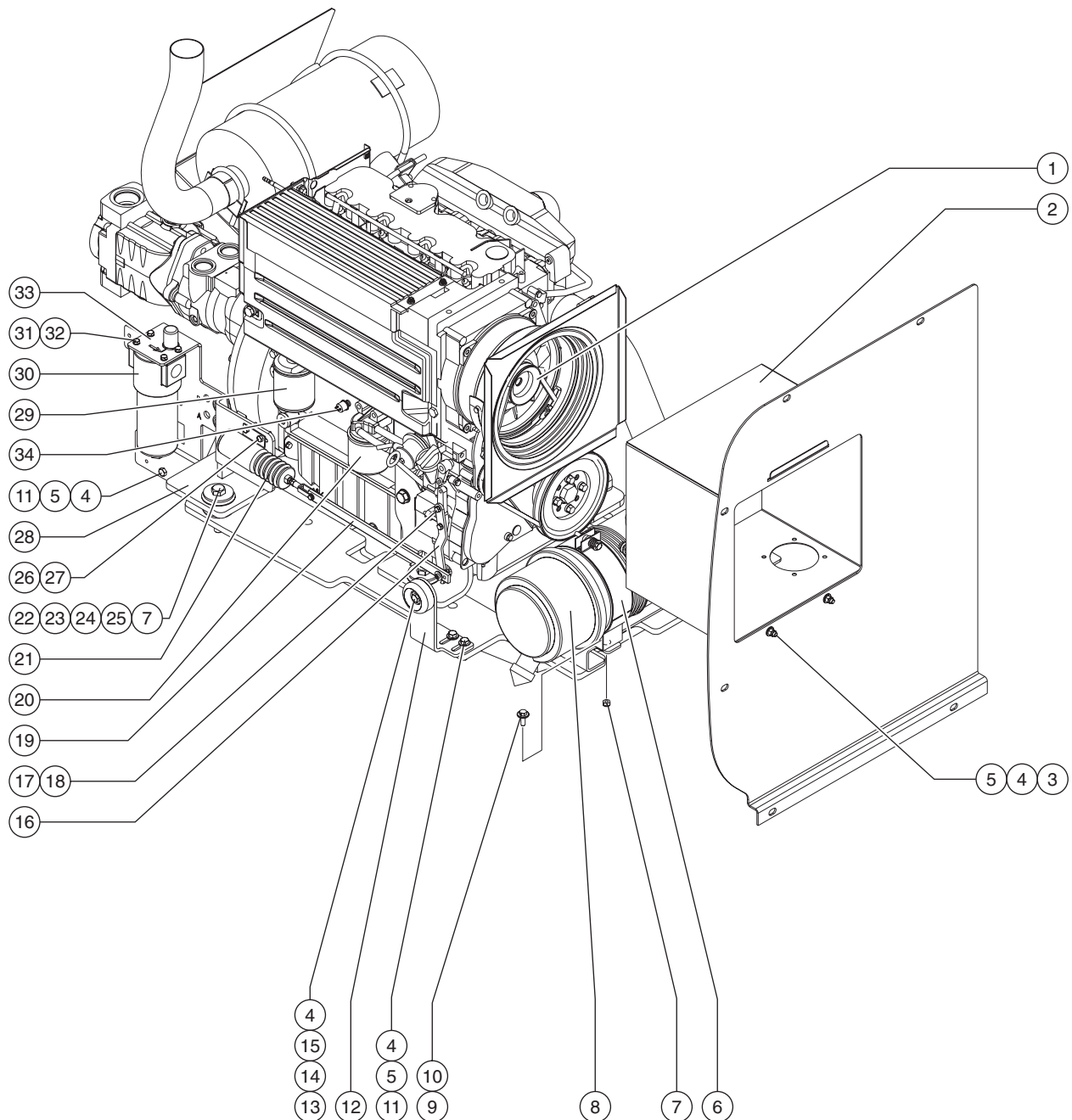
| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|--|------|------|----------|---|------|
| 1 | 60586 | Upper Radiator Hose | 1 | 28 | 102287 | Fuel Filter/Water Separator | 1 |
| — | 102031 | Lower Radiator Hose | | 29 | 13000 | Screw - HHC, $\frac{5}{16}$ -18 x 1.25 inches, GR 5 | |
| 2 | 60649 | Fan Shroud | 1 | 30 | 6782 | Nylock Nut, $\frac{5}{16}$ -18 | |
| 3 | 70518 | Radiator | 1 | 31 | 27584 | Screw - HHC, M12 -1.75 x 35 mm, GR 8.8 | |
| — | 65473 | Cap | | 32 | 44714 | Fender Washer, $\frac{3}{8}$ x 1.25 inches | |
| 4 | 60875 | Rubber Seal | 1 | 33 | 8516 | Screw - HHC, $\frac{3}{8}$ -16 x 1.5 inches, GR 5 | |
| 5 | 70537P | Engine Baffle (attaches to counterweight) | 1 | 34 | 102044 | Engine Mount Bracket | 1 |
| 6 | 6091 | Nylock Nut, $\frac{1}{4}$ -20 | | 35 | 77139 | Medium Pressure Filter | 1 |
| 7 | 6638 | Flat Washer, $\frac{1}{4}$ inch | | — | 60857 | Element | |
| 8 | 6888 | Screw - HHC, $\frac{1}{4}$ -20 x 1 inch, GR 5 | | 36 | 8914 | Screw - HHC, $\frac{1}{4}$ -20 x 0.625 inch, GR 5 | |
| 9 | 75171 | Fan | 1 | 37 | 6356 | Lock Washer, $\frac{1}{4}$ inch | |
| 10 | 75297 | Radiator Mount | 1 | 38 | 70517 | Filter Bracket | 1 |
| 11 | 13918 | Screw - HHC, $\frac{3}{8}$ -16 x 1.75 inches, GR 8 | 2 | 39 | 102288 | Oil Filter | 1 |
| 12 | 44714 | Fender Washer, $\frac{3}{8}$ x 1.25 inches | | 40 | 89837 | Starter, 12V DC | 1 |
| 13 | 102303 | Belt Tensioner | 1 | 41 | 102572 | Alternator (before serial number 220) | 1 |
| 14 | 4828 | Nylock Nut, $\frac{3}{8}$ -16 | | — | 111119 | Alternator (after serial number 219) | |
| 15 | 6019 | Screw - HHC, $\frac{3}{8}$ -16 x 1.25 inches, GR 5 | | 42 | 102203 | Serpentine Belt | 1 |
| 16 | 5397 | Flat Washer, $\frac{5}{16}$ inch | | | | | |
| 17 | 6097 | Flat Washer, $\frac{3}{8}$ inch | | | | | |
| 18 | 50974 | Cover Bumper | 1 | | | | |
| 19 | 60729 | Cover Stop Bracket | 1 | | | | |
| 20 | 6175 | Screw - HHC, $\frac{3}{8}$ -16 x 1 inch, GR 5 | | | | | |
| 21 | 75295 | Radiator Strut, outboard | 1 | | | | |
| 22 | 6024 | Nylock Nut, $\frac{5}{8}$ -11 | | | | | |
| 23 | 13064 | Flat Washer, $\frac{5}{8}$ inch | | | | | |
| 24 | 102045 | Engine Vibration Isolator | 4 | | | | |
| 25 | 33418 | Plate Washer, $\frac{5}{8}$ x 2.25 x 0.15 inch | | | | | |
| 26 | 13003 | Screw - HHC, $\frac{5}{8}$ -11 x 3.5 inches, GR 8 | 4 | | | | |
| 27 | 49381 | Screw - HHC, M12 -1.75 x 30 mm, GR 8.8 | | | | | |

| Figure | Rev | Description |
|--------|-----|--------------------------------|
| 403.1 | C | Deutz BF4L 2011 Engine, View 1 |



| Item | Part No. | Description | Qty | Item | Part No. | Description | Qty |
|------|----------|--|-----|------|----------|------------------------------|-----|
| 1 | 70449 | U-Bolt, 1/2 -13 x 8.5 inches | | 29 | 89511 | Engine Tray | |
| 2 | 70444 | Muffler | 1 | 30 | 70438 | Engine Mount | 1 |
| — | 101637 | Diesel Scrubber (option) | | 31 | 70519 | Air Filter Mount | 1 |
| 3 | 70447 | Tail Pipe | 1 | 32 | 102208 | Air Intake Tube | 1 |
| — | 71911 | Muffler Clamp, 2.5 inches | | 33 | 30489 | Hose Clamp, 3.5 inches | 2 |
| 4 | 70483 | Muffler Mounting Bracket | 2 | 34 | 70381 | Flywheel Cover | 1 |
| 5 | 102237 | Heat Shield | 1 | — | 33024 | Flywheel Plate | 1 |
| 6 | 70448 | Muffler Mount | 1 | — | 37003 | Coupler, 15 Tooth | 1 |
| 7 | 85053 | Screw - HHC, M10 x 1.5 x 70mm, GR 8.8 | | | | | |
| 8 | 22699 | Flat Washer, M10 | | | | | |
| 9 | 60838 | Clamp, 1 inch | 1 | | | | |
| 10 | 61110 | Screw - SHC, M10 x 1.5 x 30mm, GR 8.8 | | | | | |
| 11 | Ref. | Drive Pump (refer to 714.1) | | | | | |
| 12 | Ref. | Lift Pump (refer to 714.1) | | | | | |
| 13 | 66777 | Lock Nut, 1/2 -13 | | | | | |
| 14 | 106280 | Muffler Brace | 1 | | | | |
| 15 | 22558 | Screw - HHC, M14 x 40mm, GR 8.8 | | | | | |
| 16 | 49411 | Flat Washer, M14 | | | | | |
| 17 | 8516 | Screw - HHC, 3/8 -16 x 1.5 inches, GR 5 | | | | | |
| 18 | 5397 | Flat Washer, 3/8 inch | | | | | |
| 19 | 4828 | Nylock Nut, 3/8 -16 | | | | | |
| 20 | 70440 | Rear Engine Mount..... | 1 | | | | |
| 21 | 13003 | Screw - HHC, 5/8 -11 x 3.5 inches, GR 8 | | | | | |
| 22 | 33418 | Flat Washer, 0.625 x 2.25 x 0.15 inch | | | | | |
| 23 | 18596 | Flat Washer, 1.56 x 2.5 x 0.061 inch | | | | | |
| 24 | 102045 | Engine Vibration Isolator | 2 | | | | |
| 25 | 6024 | Nylock Nut, 5/8 -11 | | | | | |
| 26 | 71911 | Muffler Clamp, 2.5 inches | | | | | |
| 27 | 89777 | Starter | | | | | |
| 28 | 70445 | Exhaust Flex Pipe, 2.5 inches | 1 | | | | |

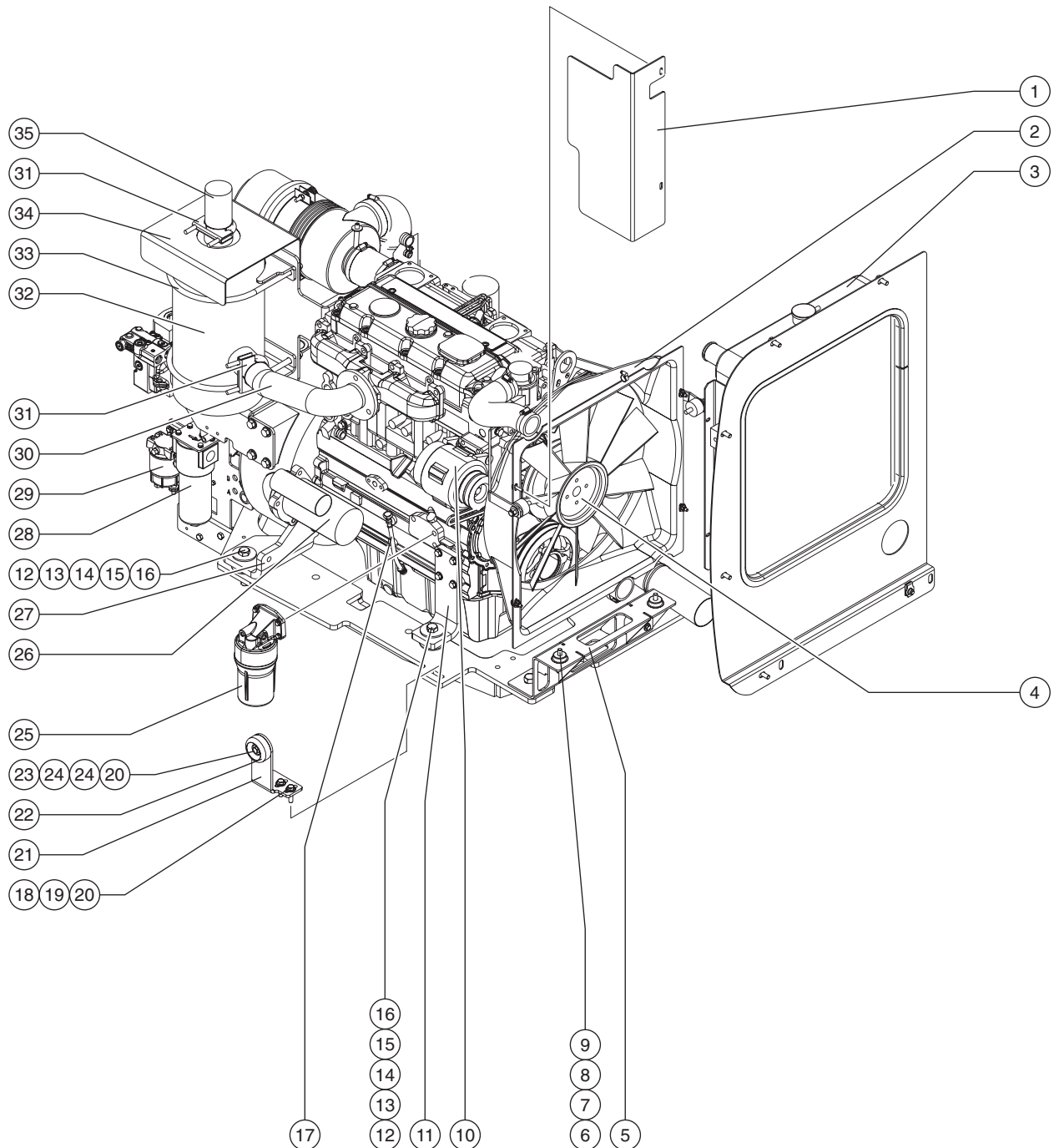
| Figure | Rev | Description |
|--------|-----|--------------------------------|
| 404.1 | E | Deutz BF4L 2011 Engine, View 2 |



404.1
Deutz BF4L 2011 Engine, View 2 Rev E

| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|---|------|------|----------|--|------|
| 1 | 58249 | Alternator | 1 | 24 | 18596 | Flat Washer, 1.56 inches | |
| — | 89789 | V-Belt | | 25 | 102045 | Engine Vibration Isolator | 2 |
| 2 | 102218 | Air Box | 1 | 26 | 6888 | Screw - HHC, 1/4 -20 x 1 inch, GR 5 | |
| 3 | 6175 | Screw - HHC, 3/8 -16 x 1 inch, GR 5 | | 27 | 6091 | Nylock Nut, 1/4 -20 | |
| 4 | 4828 | Nylock Nut, 3/8 -16 | | 28 | 70440 | Engine Mount Plate | 1 |
| 5 | 5397 | Flat Washer, 3/8 inch | | 29 | 49924 | Oil Filter | 1 |
| 6 | 81468 | Air Cleaner Bracket (includes hardware) | 1 | 30 | 77139 | Medium Pressure Filter | 1 |
| 7 | 6024 | Nylock Nut, 5/8 -11 | | — | 60857 | Element | |
| 8 | 81467 | Air Cleaner | 1 | 31 | 6090 | Screw - HHC, 1/4 -20 x .75 inch, GR 5 | |
| — | 62425 | Element | | 32 | 6356 | Lock Washer, 1/4 inch | |
| — | 70515 | Precleaner (option) | | 33 | 70517P | Filter Bracket | 1 |
| 9 | 29883 | Screw - HHC, 5/8 -11 x 1.75 inches, GR 8 | | 34 | 111445 | Oil Temperature Switch/Sender ... | 1 |
| 10 | 13064 | Flat Washer, 5/8 inch | | — | 58299 | Oil Pressure Switch (not shown) | |
| 11 | 8516 | Screw - HHC, 3/8 -16 x 1.5 inches, GR 5 | | | | | |
| 12 | 60778 | Cover Stop | 1 | | | | |
| 13 | 6019 | Screw - HHC, 3/8 -16 x 1.25 inch, GR 5 | | | | | |
| 14 | 6097 | Flat Washer, 3/8 inch | | | | | |
| 15 | 50974 | Cover Bumper | 3 | | | | |
| 16 | 70479P | Throttle Arm | | | | | |
| 17 | 22578 | Screw - HHC, M6 x 20mm, GR 8.8 | | | | | |
| 18 | 49407 | Lock Washer, M6 | | | | | |
| 19 | 88512 | Throttle Link | 1 | | | | |
| 20 | 89783 | Fuel/Water Separator | 1 | | | | |
| 21 | 101957 | Throttle Solenoid Assembly | 1 | | | | |
| — | 89996 | Solenoid | | | | | |
| — | 73711 | Deutsch Terminal | | | | | |
| — | 60525 | Receptacle, 4 Way, 12-14 gauge | | | | | |
| — | 60526 | Receptacle Lock | | | | | |
| — | 60757 | Seal Plug | | | | | |
| 22 | 13003 | Screw - HHC, 5/8 -11 x 1.75 inches, GR 8 | 2 | | | | |
| 23 | 33418 | Flat Washer, 5/8 inch | | | | | |

| Figure | Rev | Description |
|--------|-----|---------------------------------|
| 405.1 | C | Perkins 1104C-44 Engine, View 1 |

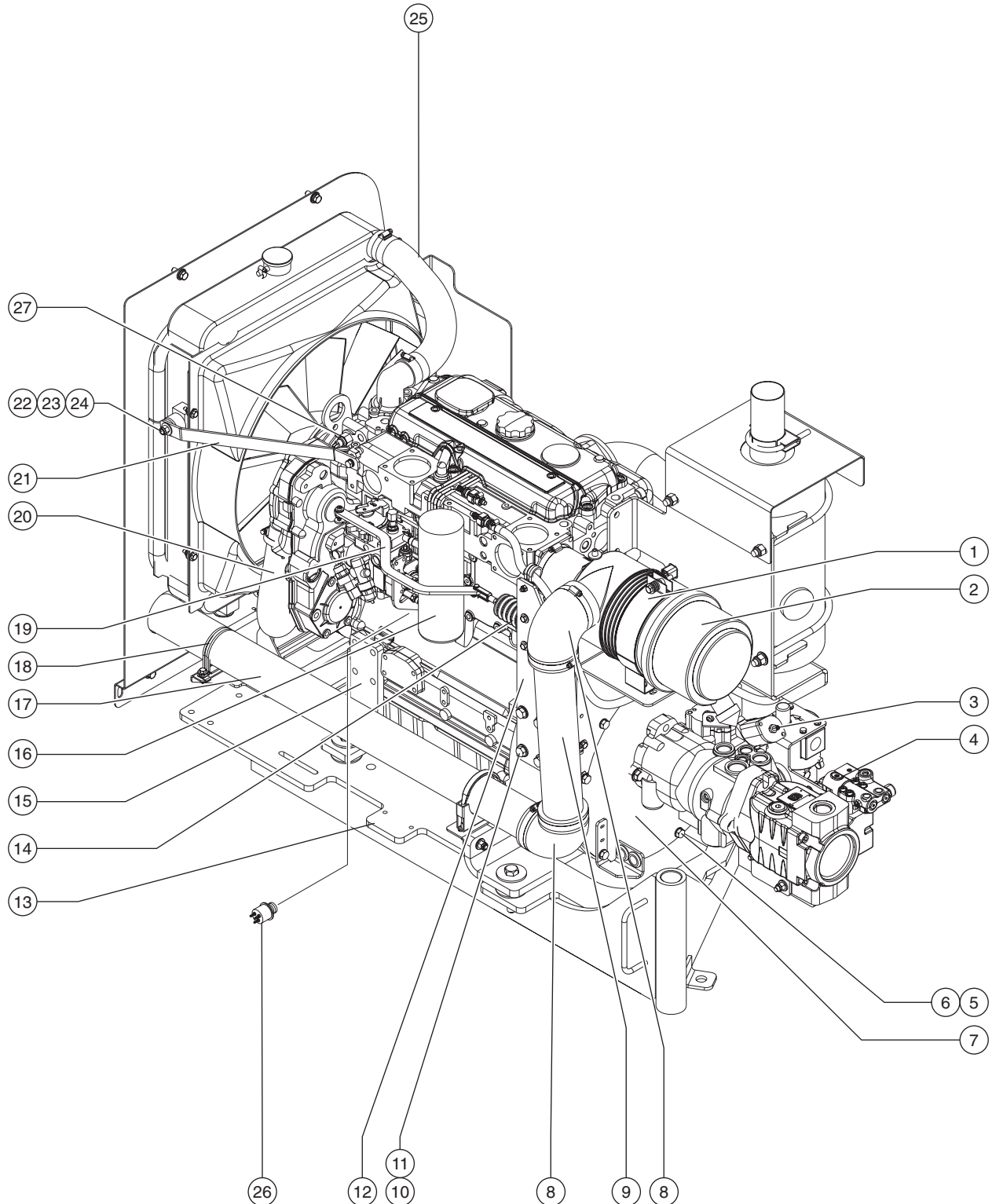


405.1

Perkins 1104C-44 Engine, View 1 Rev C

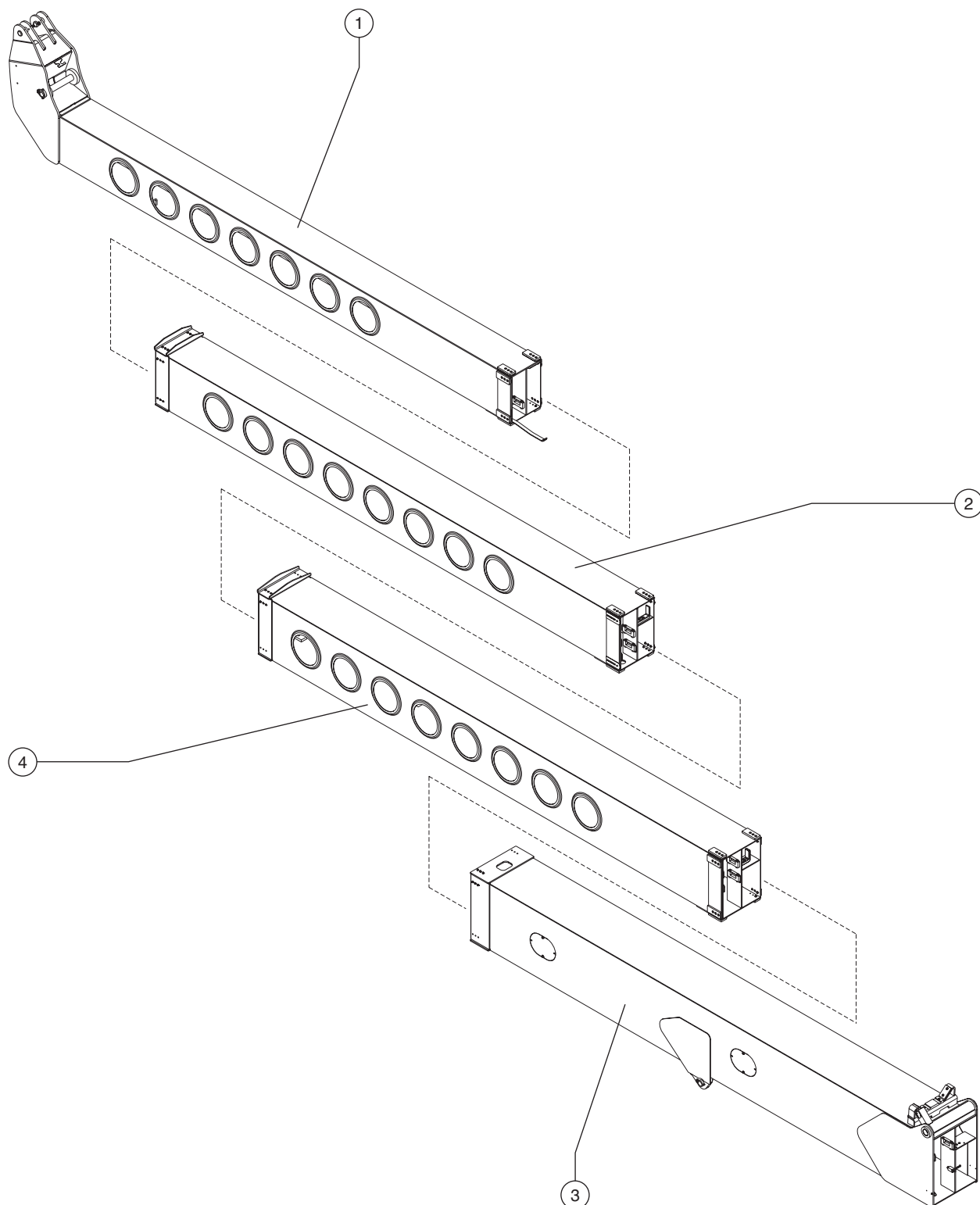
| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|---|------|------|----------|--|------|
| 1 | 70540 | Fan Guard | 1 | 28 | 77139 | Medium Pressure Filter | 1 |
| 2 | 60649 | Fan Shroud | 1 | — | 60857 | Element | |
| 3 | 70518 | Radiator | 1 | 29 | 75020 | Fuel/Water Separator | 1 |
| — | 65473 | Cap | | — | 62433 | Element | |
| 4 | 75328 | Fan | 1 | 30 | 70553 | Exhaust Header | 1 |
| 5 | 75297 | Radiator Mount | 1 | 31 | 71911 | Muffler Clamp | 2 |
| 6 | 13918 | Screw - HHC, $\frac{3}{8}$ -16 x 1.75 inches, GR 8 | 2 | 32 | 70444 | Muffler | 1 |
| 7 | 6021 | Lock Washer, $\frac{3}{8}$ inch | | — | 101637 | Diesel Scrubber (option) | |
| 8 | 44714 | Fender Washer, $\frac{3}{8}$ x 1.25 inches | | 33 | 70449 | U-Bolt, $\frac{1}{2}$ -13 x 8.5 inches | 2 |
| 9 | 75259 | Isolator | 2 | 34 | 70554 | Heat Shield | 1 |
| 10 | 102646 | Alternator | 1 | 35 | 94324 | Tail Pipe | 1 |
| 11 | 60564 | Front Engine Mount | 2 | | | | |
| 12 | 13003 | Screw - HHC, $\frac{5}{8}$ -11 x 3.5 inches, GR 8 | 4 | | | | |
| 13 | 33418 | Plate Washer, $\frac{5}{8}$ x 2.25 x 0.15 inch | | | | | |
| 14 | 102045 | Engine Vibration Isolator | 4 | | | | |
| 15 | 13064 | Flat Washer, $\frac{5}{8}$ inch | | | | | |
| 16 | 6024 | Nylock Nut, $\frac{5}{8}$ -11 | | | | | |
| 17 | 102631 | Dipstick | 1 | | | | |
| 18 | 8516 | Screw - HHC, $\frac{3}{8}$ -16 x 1.5 inches, GR 5 | | | | | |
| 19 | 5397 | Flat Washer, $\frac{5}{16}$ inch | | | | | |
| 20 | 4828 | Nylock Nut, $\frac{3}{8}$ -16 | | | | | |
| 21 | 60778 | Cover Stop Bracket | 1 | | | | |
| 22 | 50974 | Rubber Bumper | 1 | | | | |
| 23 | 6019 | Screw - HHC, $\frac{3}{8}$ -16 x 1.25 inches, GR 5 | | | | | |
| 24 | 6097 | Flat Washer, $\frac{3}{8}$ inch | | | | | |
| 25 | 102632 | Oil Filter | 1 | | | | |
| 26 | 102634 | Starter | 1 | | | | |
| 27 | 101931 | Rear Engine Mount | 2 | | | | |

| Figure | Rev | Description |
|--------|-----|---------------------------------|
| 406.1 | C | Perkins 1104C-44 Engine, View 2 |



| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 1 | 81468 | Air Cleaner Mounting Band | 1 |
| 2 | 81467 | Air Cleaner | 1 |
| — | 98012 | Precleaner (option) | |
| 3 | Ref. | Drive Pump (refer to 714.1) | |
| 4 | Ref. | Lift Pump (refer to 714.1) | |
| 5 | 44064 | Screw - HHC, M10 -1.5 x 30 mm, GR 8.8 | |
| 6 | 22699 | Flat Washer, M10 | |
| 7 | 60322 | Pump Mount Plate | 1 |
| 8 | 60561 | Inlet Elbow | 2 |
| 9 | 81738 | Intake Tube, Short | 1 |
| 10 | 49381 | Screw - HHC, M12 -1.75 x 30 mm, GR 8.8 | |
| 11 | 49410 | Flat Washer, M12 | |
| 12 | 101217 | Throttle Actuator Mount | 1 |
| 13 | 89511 | Engine Tray | 1 |
| 14 | 101957 | Throttle Solenoid | 1 |
| 15 | 60564 | Engine Mount | 1 |
| 16 | 102639 | Fuel Filter | 1 |
| 17 | 81738 | Intake Tube, Long | 1 |
| 18 | 70257 | Clamp | 2 |
| 19 | 101219 | Throttle Linkage | 1 |
| 20 | 75555 | Lower Radiator Hose | 1 |
| 21 | 101655 | Radiator Support | 2 |
| 22 | 75260 | Vibration Isolator | 2 |
| 23 | 6097 | Flat Washer, 3/8 inch | |
| 24 | 4828 | Nylock Nut, 3/8 inch | |
| 25 | 60576 | Upper Radiator Hose | 1 |
| 26 | 102348 | Oil Pressure Switch/Sender | 1 |
| 27 | 34058 | Water Temperature Sender | 1 |

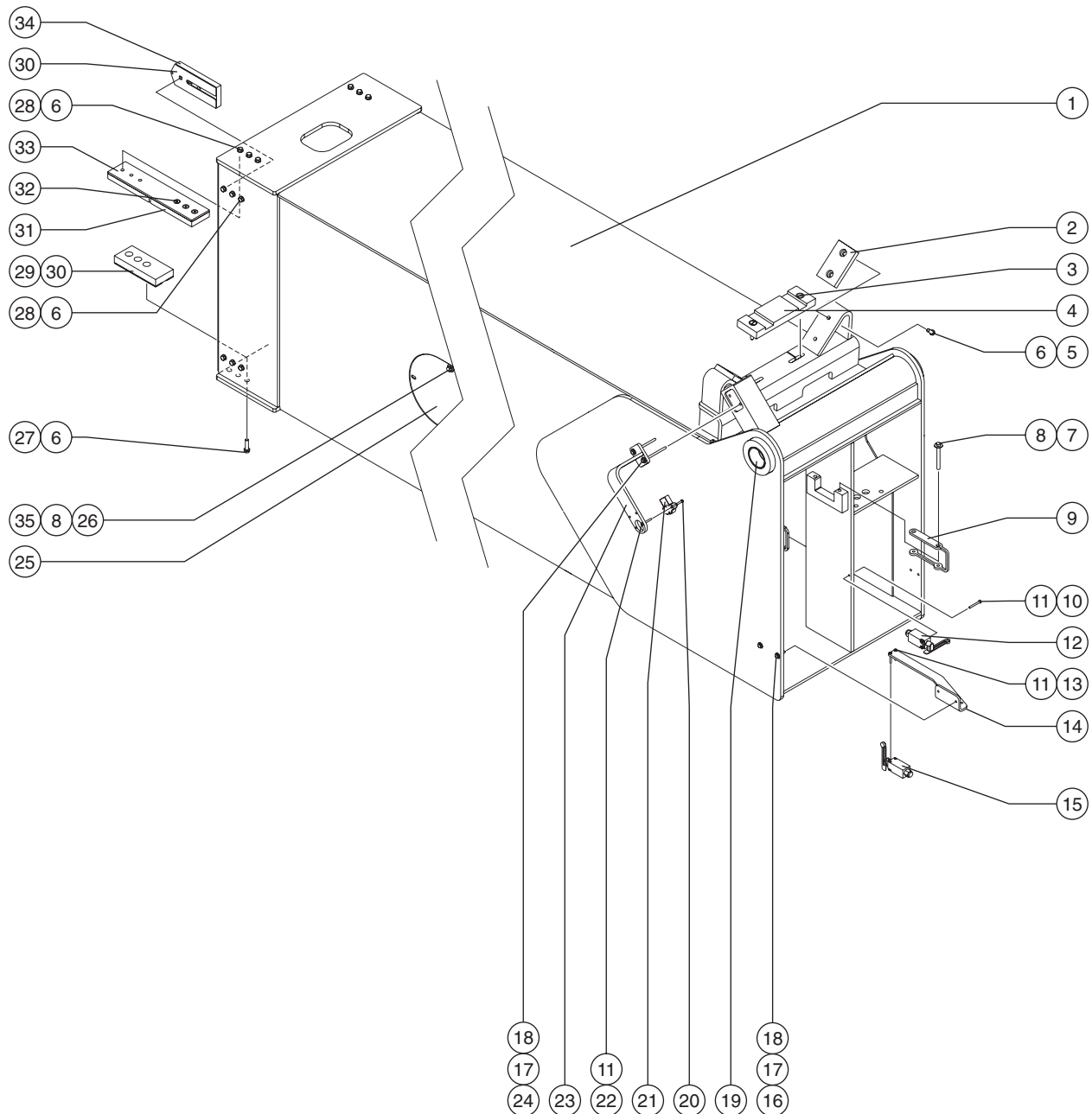
| Figure | Rev | Description |
|--------|-----|-------------------------------|
| 501.1 | B | Secondary Boom Tube Reference |



501.1
Secondary Boom Tube Reference Rev B

| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 1 | 61822 | Secondary Boom Tube 4 (refer to 505.1) | |
| 2 | 61821 | Secondary Boom Tube 3 (refer to 504.1) | |
| 3 | 61820 | Secondary Boom Tube 1 (refer to 502.1) | |
| 4 | 94601 | Secondary Boom Tube 2 (refer to 503.1) | |

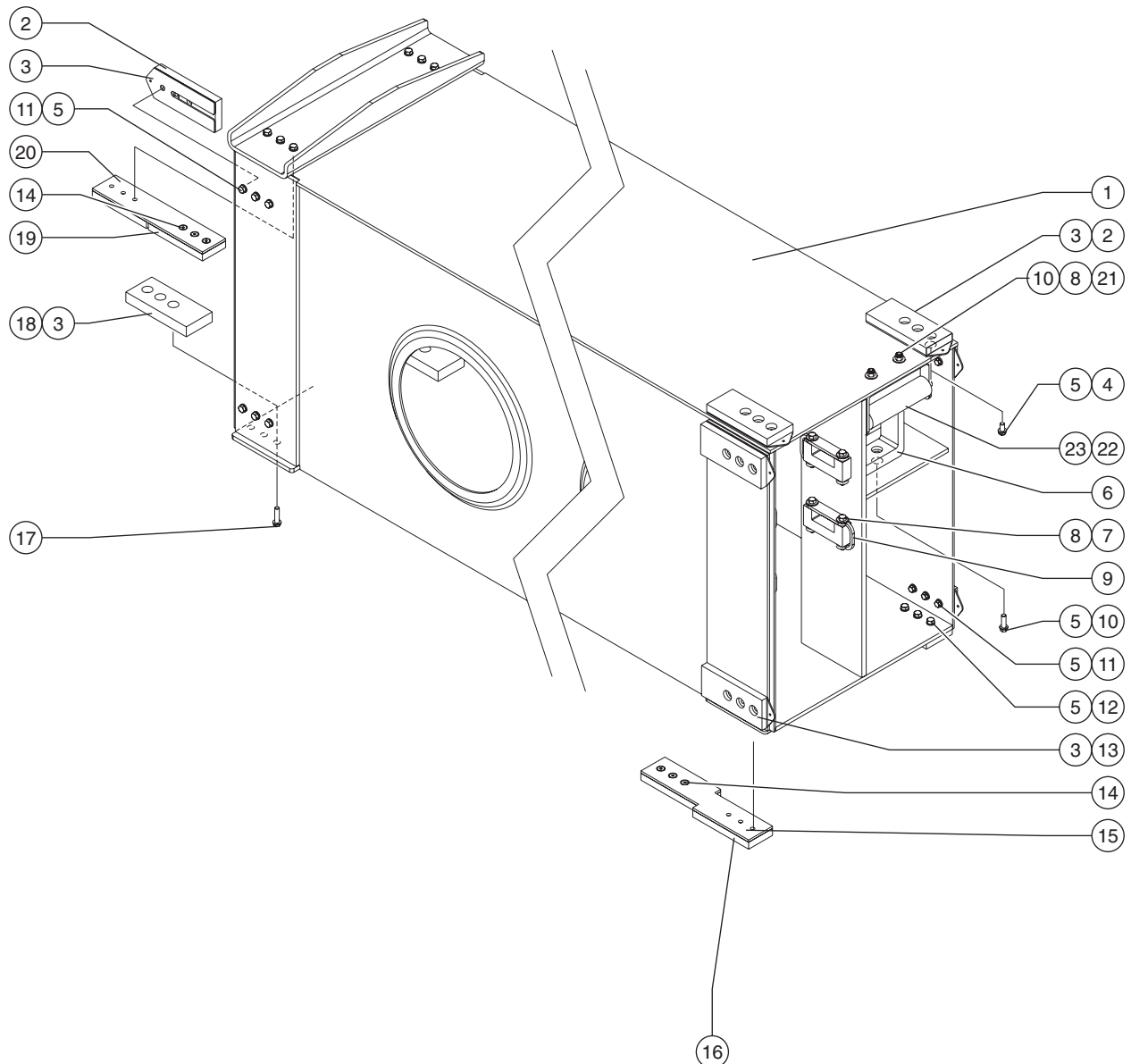
| Figure | Rev | Description |
|--------|-----|-----------------------|
| 502.1 | G | Secondary Boom Tube 1 |



502.1
Secondary Boom Tube 1 Rev G

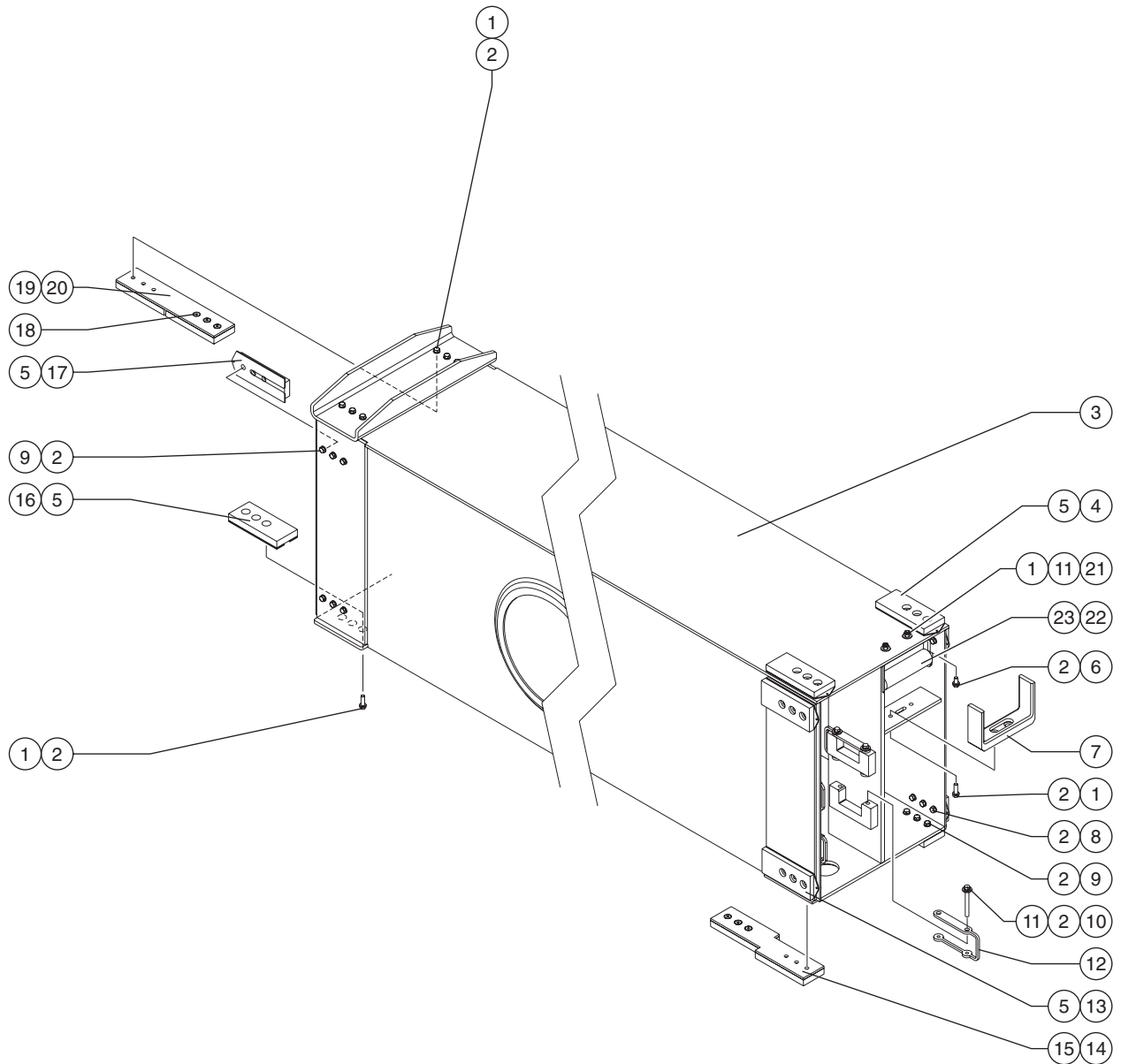
| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|-------------|---|------|------|----------|--|-----------|
| 1 | 61820 | Secondary Boom 1 | 1 | 22 | 22541 | Screw - RHM, 10-32 x 1.5 inches | |
| 2 | 34124 | Wear Pad, 5 x 3 x 0.625 inch | 2 | 23 | 101708 | Angle Sensor Bracket | 1 |
| 3 | 35714 | Screw - FHSC, $\frac{3}{8}$ -16 x 2.25 inches | | 24 | 50160 | Screw - HHC, $\frac{1}{4}$ -20 x 3.75 inches, GR 5 | |
| 4 | 106810 | Rest Pad | 1 | 25 | 60177 | Boom Side Cover | 4 |
| 5 | 6175 | Screw - HHC, $\frac{3}{8}$ -16 x 1 inch, GR 5 | | 26 | 101718 | Carriage Bolt, $\frac{3}{8}$ -16 x 0.75 inch, GR 2 | |
| 6 | 6021 | Lock Washer, $\frac{3}{8}$ inch | | 27 | 8516 | Screw - HHC, $\frac{3}{8}$ -16 x 1.5 inches, GR 5 | |
| 7 | 6605 | Screw - HHC, $\frac{3}{8}$ -16 x 3.5 inches, GR 5 | | 28 | 6019 | Screw - HHC, $\frac{3}{8}$ -16 x 1.25 inches, GR 5 | |
| 8 | 6097 | Flat Washer, $\frac{3}{8}$ inch | | 29 | 88022 | Wear Pad, 7 x 3 x 1 inch | 2 |
| 9 | 106281 | Cylinder Mount Retainer | 2 | 30 | 60304 | Shim, 12 Gauge | as needed |
| 10 | 49775 | Screw - PHPM, 10-32 x 1.75 inches | | 31 | 106796 | Wear Pad, 7 x 3 x 0.5 inch | 8 |
| 11 | 6178 | Nylock Nut, 10-32 | | 32 | 107661 | Screw - FHS, $\frac{3}{8}$ -16 x 0.625 inch, GR 5 | |
| 12 | 94986 | Limit Switch Assembly | 1 | 33 | 107503 | Wear Pad Plate | 2 |
| — | 88356-64463 | Limit Switch | | 34 | 50245 | Wear Pad, 7 x 3 0.75 inch | 4 |
| — | 60442 | Receptacle, 4 way | | 35 | 7713 | Low Profile Nylock Nut, $\frac{3}{8}$ -16 | |
| — | 60443 | Receptacle Lock, 4 way | | | | | |
| — | 73713 | Pin Terminal | | | | | |
| 13 | 51063 | Screw - RHPM, 10-32 x 1.5 inches, GR 2 | | | | | |
| 14 | 107630P | Limit Switch Bracket (before serial number 333) | 1 | | | | |
| — | 119247P | Limit Switch Bracket (after serial number 332) | 1 | | | | |
| 15 | 94987 | Limit Switch Assembly | 1 | | | | |
| — | 88356-44463 | Limit Switch | | | | | |
| — | 60428 | Connector Plug, 4 way | | | | | |
| — | 60429 | Plug Lock, 4 way | | | | | |
| — | 73714 | Terminal Socket | | | | | |
| 16 | 8915 | Screw - HHC, $\frac{1}{4}$ -20 x 1.25 inches, GR 5 | | | | | |
| 17 | 6638 | Flat Washer, $\frac{1}{4}$ inch | | | | | |
| 18 | 6091 | Nylock Nut, $\frac{1}{4}$ inch | | | | | |
| 19 | 27697 | Bearing, 2.5 x 2.75 x 1.5 inches ... | 2 | | | | |
| 20 | 101599 | Ball Point Hex Key | 1 | | | | |
| 21 | 94980 | Dual Output Angle Sensor | 1 | | | | |
| — | 106898 | Compression Spring | | | | | |

| Figure | Rev | Description |
|--------|-----|-----------------------|
| 503.1 | C | Secondary Boom Tube 2 |



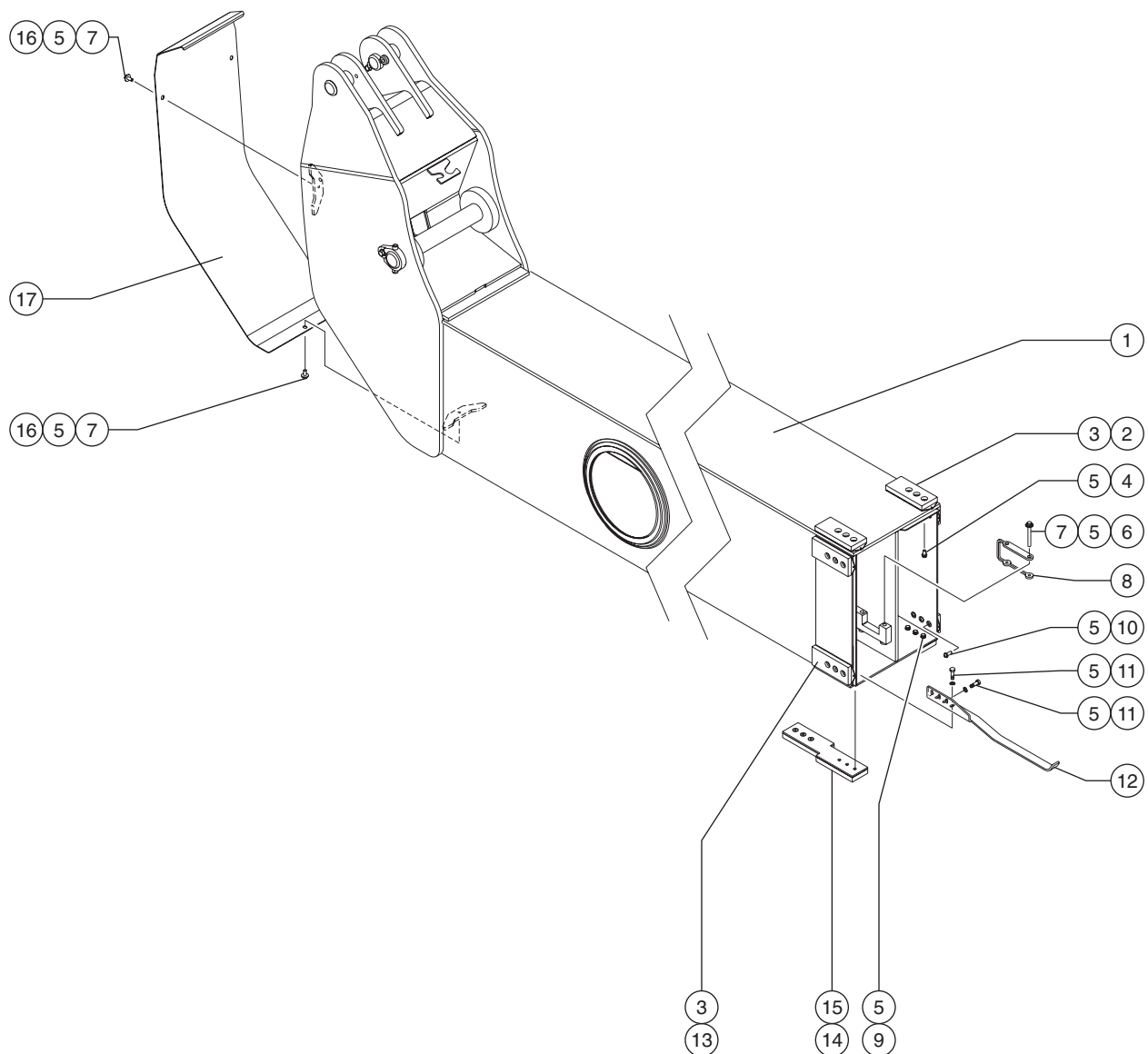
| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 1 | 94601 | Secondary Boom Tube 2 | 1 |
| 2 | 50245 | Wear Pad, 7 x 3 x 0.75 inch | 8 |
| 3 | 60304 | Shim, 12 Gauge..... as needed | |
| 4 | 8255 | Screw - HHC, $\frac{3}{8}$ -16 x 0.75 inch, GR 5 | |
| 5 | 6021 | Lock Washer, $\frac{3}{8}$ inch | |
| 6 | 101920 | Cable Track Guide | 1 |
| 7 | 6605 | Screw - HHC, $\frac{3}{8}$ -16 x 3.5 inches, GR 5 | |
| 8 | 6097 | Flat Washer, $\frac{3}{8}$ inch | |
| 9 | 106281 | Cylinder Mount Retainer | 4 |
| 10 | 6019 | Screw - HHC, $\frac{3}{8}$ -16 x 1.25 inches, GR 5 | |
| 11 | 49857 | Screw - HHC, $\frac{3}{8}$ -16 x 0.875 inch, GR 5 | |
| 12 | 6175 | Screw - HHC, $\frac{3}{8}$ -16 x 1 inch, GR 5 | |
| 13 | 88648 | Wear Pad, 7 x 3 x 0.625 inch | 4 |
| 14 | 107661 | Screw - FHS, $\frac{3}{8}$ -16 x 0.625 inch, GR 5 | |
| 15 | 107501 | Wear Pad Mount Plate | 2 |
| 16 | 106797 | Wear Pad, 7 x 3 x 0.75 inch | 4 |
| 17 | 8516 | Screw - HHC, $\frac{3}{8}$ -16 x 1.5 inches, GR 5 | |
| 18 | 88022 | Wear Pad, 7 x 3 x 1 inch | 2 |
| 19 | 106796 | Wear Pad, 7 x 3 x 0.5 inch | 4 |
| 20 | 107503 | Wear Pad Mount Plate | 2 |
| 21 | 4828 | Nylock Nut, $\frac{3}{8}$ -16 | |
| 22 | 107823 | Nylon Roller | 1 |
| 23 | 107833P | Roller Bracket | 1 |

| Figure | Rev | Description |
|--------|-----|-----------------------|
| 504.1 | C | Secondary Boom Tube 3 |



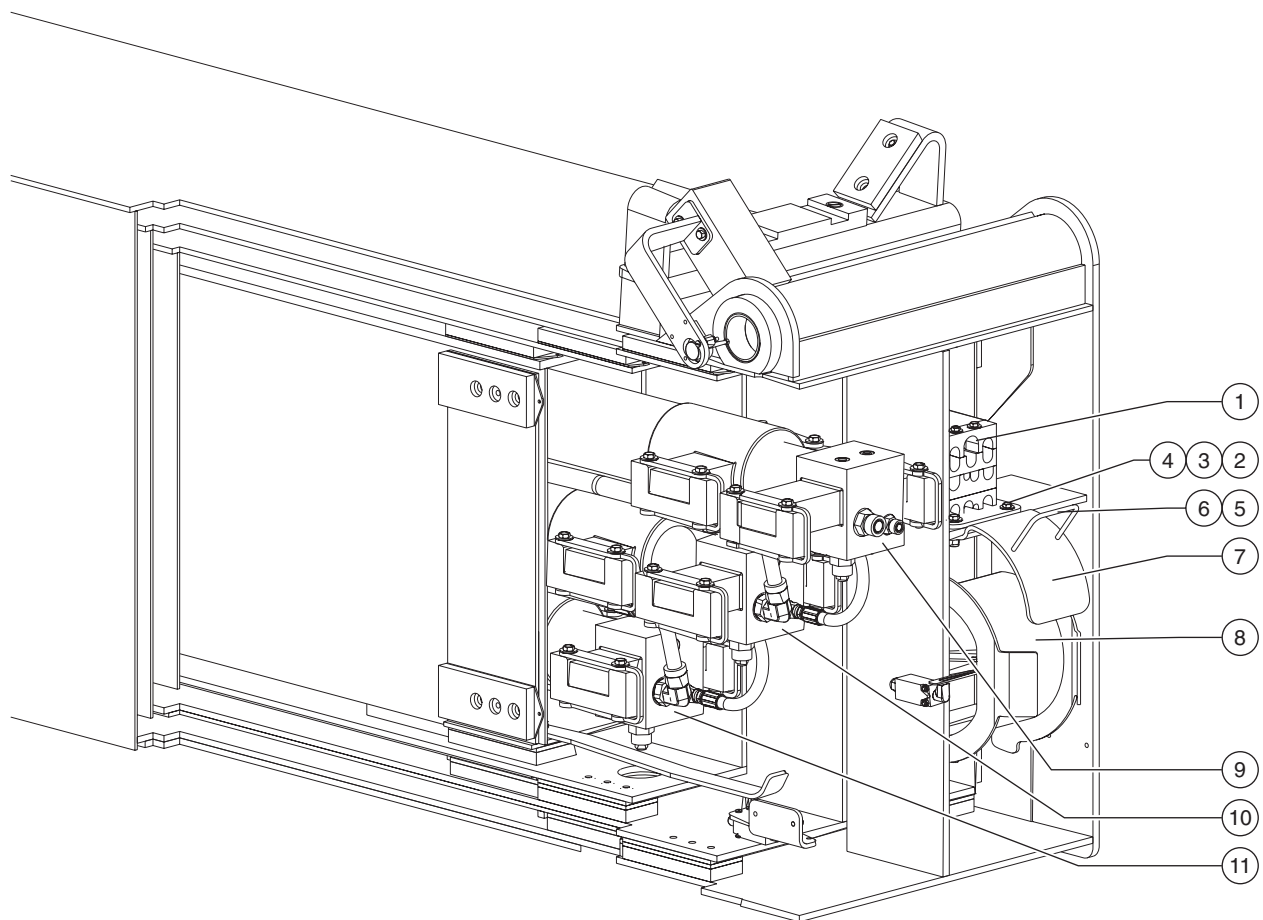
| Item | Part No. | Description | Qty. |
|------|----------|---|-----------|
| 1 | 6019 | Screw - HHC, 3/8 -16 x 1.25 inches, GR 5 | |
| 2 | 6021 | Lock Washer, 3/8 inch | |
| 3 | 61821 | Secondary Boom 3 | 1 |
| 4 | 50245 | Wear Pad, 7 x 3 x 0.75 inch | 2 |
| 5 | 60304 | Shim, 12 Gauge | as needed |
| 6 | 8255 | Screw - HHC, 3/8 -16 x 0.75 inch, GR 5 | |
| 7 | 101921 | Cable Track Guide | 1 |
| 8 | 49857 | Screw - HHC, 3/8 -16 x 0.875 inch, GR 5 | |
| 9 | 6175 | Screw - HHC, 3/8 -16 x 1 inch, GR 5 | |
| 10 | 6605 | Screw - HHC, 3/8 -16 x 3.5 inches, GR 5 | |
| 11 | 6097 | Flat Washer, 3/8 inch | |
| 12 | 106281 | Cylinder Mount Retainer | 4 |
| 13 | 88648 | Wear Pad, 7 x 3 x 0.625 inch | 4 |
| 14 | 107501 | Wear Pad Mount Plate | 2 |
| 15 | 106797 | Wear Pad, 7 x 3 x 0.75 inch | 4 |
| 16 | 88022 | Wear Pad, 7 x 3 x 1 inch | 2 |
| 17 | 106539 | Wear Pad, 7 x 2 x 0.75 inch | 4 |
| 18 | 107661 | Screw - FHS, 3/8 -16 x 0.625 inch, GR 5 | |
| 19 | 107503 | Wear Pad Mount Plate | 2 |
| 20 | 106796 | Wear Pad, 7 x 3 x 0.5 inch | 4 |
| 21 | 4828 | Nylock Nut, 3/8 -16 | |
| 22 | 107823 | Nylon Roller | 1 |
| 23 | 110756P | Roller Bracket | 1 |

| Figure | Rev | Description |
|--------|-----|-----------------------|
| 505.1 | D | Secondary Boom Tube 4 |



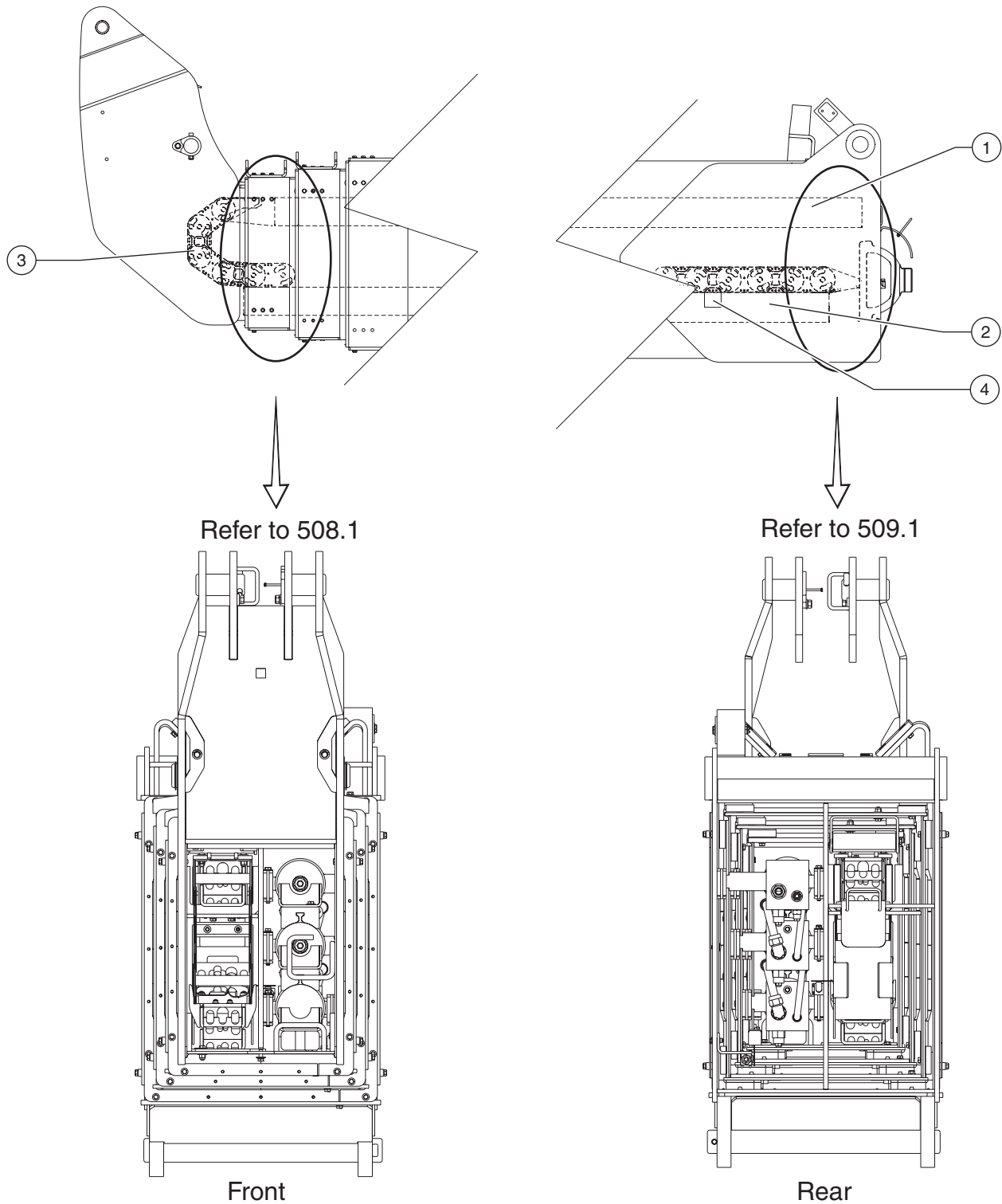
| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| 1 | 61822 | Secondary Boom 4 | 1 |
| 2 | 50245 | Wear Pad, 7 x 3 x 0.75 inch | 2 |
| 3 | 60304 | Shim, 12 Gauge..... as needed | |
| 4 | 8255 | Screw - HHC, $\frac{3}{8}$ -16 x 0.75 inch, GR 5 | |
| 5 | 6021 | Lock Washer, $\frac{3}{8}$ inch | |
| 6 | 6605 | Screw - HHC, $\frac{3}{8}$ -16 x 3.5 inches, GR 5 | |
| 7 | 6097 | Flat Washer, $\frac{3}{8}$ inch | |
| 8 | 106281 | Cylinder Mount Retainer | 2 |
| 9 | 6175 | Screw - HHC, $\frac{3}{8}$ -16 x 1 inch, GR 5 | |
| 10 | 28487 | Screw - BHHS, $\frac{3}{8}$ -16 x 1 inch, GR 5 | |
| 11 | 6019 | Screw - HHC, $\frac{3}{8}$ -16 x 1.25 inches, GR 5 | |
| 12 | 107899 | Limit Switch Activator (before serial number 333) | 1 |
| — | 119248P | Limit Switch Activator (after serial number 332) | 1 |
| 13 | 88648 | Wear Pad, 7 x 3 x 0.625 inch | 4 |
| 14 | 106797 | Wear Pad, 7 x 3 x 0.75 inch | 4 |
| 15 | 107501 | Wear Pad Mount Plate | 2 |
| 16 | 6175 | Screw - HHC, $\frac{3}{8}$ -16 x 1 inch, GR 5 | |
| 17 | 61952P | Secondary Boom Cover | 1 |

| Figure | Rev | Description |
|--------|-----|------------------------------------|
| 506.1 | B | Secondary Boom Extension Cylinders |



| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| 1 | Ref. | Secondary Pull Tube Assembly (refer to 509.1) | |
| 2 | 8516 | Screw - HHC, $\frac{3}{8}$ -16 x 1.5 inches, GR 5 | |
| 3 | 6097 | Flat Washer, $\frac{3}{8}$ inch | |
| 4 | 4828 | Nylock Nut, $\frac{3}{8}$ -16 | |
| 5 | 106843 | U-Bolt, $\frac{1}{4}$ -20 x 3.5 x 3.5 inches | |
| 6 | 6091 | Nylock Nut, $\frac{1}{4}$ -20 | |
| 7 | 106772 | Hose Guide | 1 |
| 8 | 61961 | Cable Track Tray | 1 |
| 9 | 101507 | Extension Cylinder #1 | 1 |
| — | 101510 | Seal Kit | |
| — | 106848 | Counterbalance Valve, 2500 psi / 172 bar (extend) | |
| — | 106847 | Counterbalance Valve, 2500 psi / 172 bar (transfer) | |
| — | 74872 | Counterbalance Valve, 3000 psi / 207 bar (retract) | |
| — | 107717 | Seal Kit (for 106848) | |
| 10 | 101508 | Extension Cylinder #2 | 1 |
| — | 101510 | Seal Kit | |
| — | 106848 | Counterbalance Valve, 2500 psi / 172 bar (extend) | |
| — | 106847 | Counterbalance Valve, 2500 psi / 172 bar (transfer) | |
| — | 107717 | Seal Kit (for 106848) | |
| 11 | 101509 | Extension Cylinder #3 | 1 |
| — | 101510 | Seal Kit | |
| — | 106848 | Counterbalance Valve, 2500 psi / 172 bar (extend) | |
| — | 107717 | Seal Kit (for 106848) | |

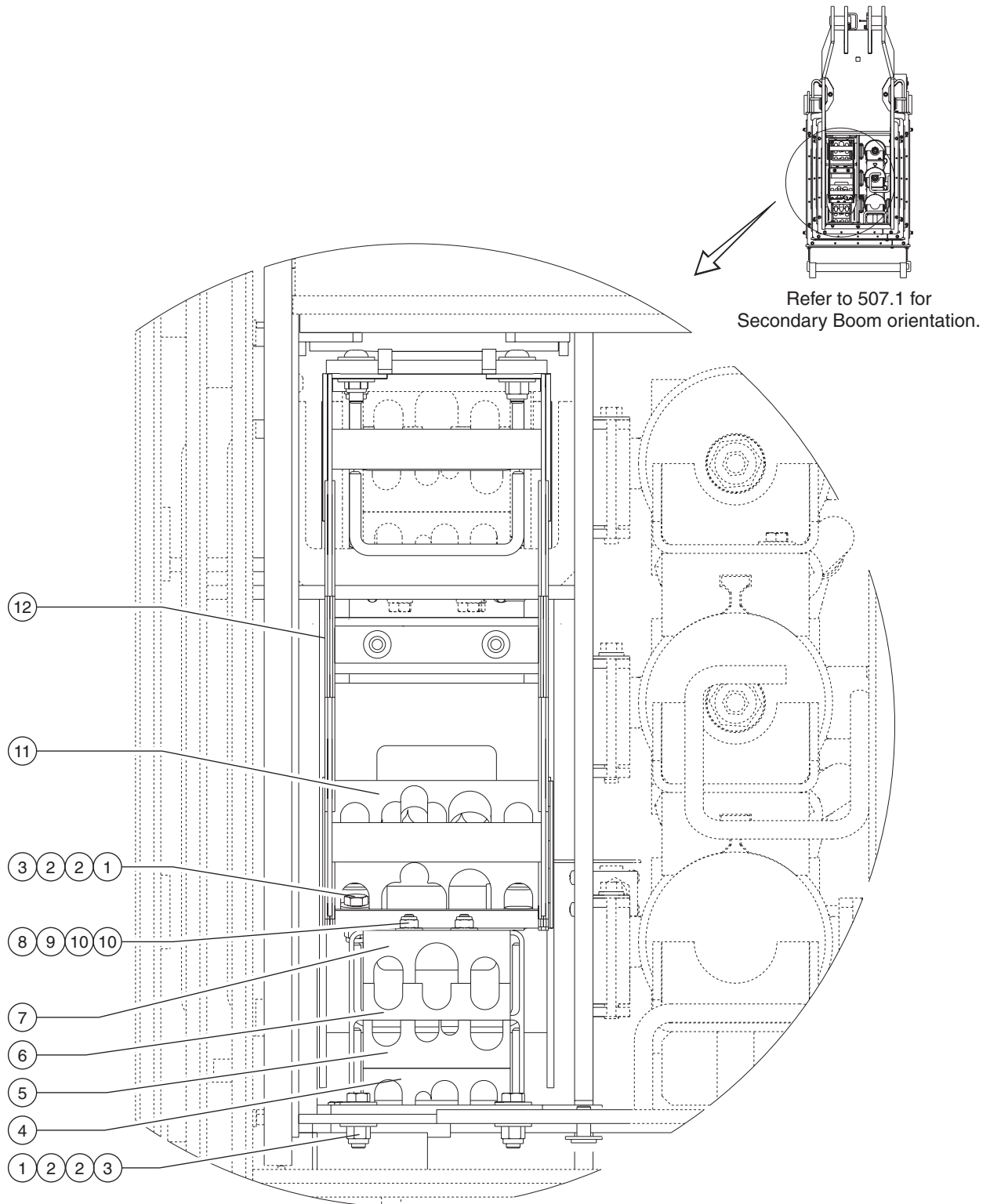
| Figure | Rev | Description |
|--------|-----|--|
| 507.1 | B | Secondary Boom Cable Track and Pull Tube |



507.1
Secondary Boom Cable Track and Pull Tube Rev B

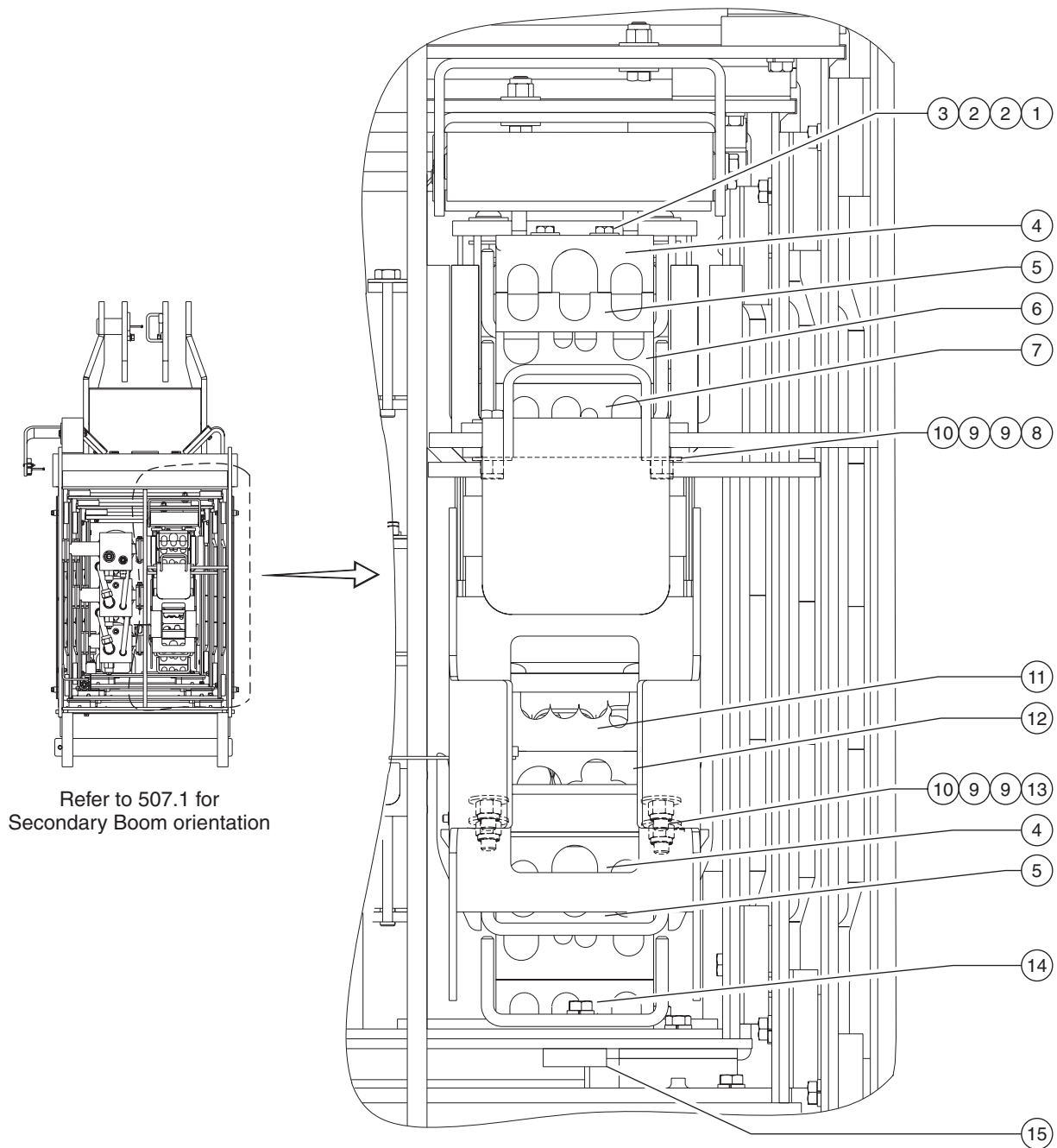
| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| 1 | 61960 | Secondary Boom Pull Tube | 1 |
| 2 | 61961 | Secondary Boom Cable Track Tray | 1 |
| 3 | 61853 | Cable Track, 57 Links | 1 |
| — | 107717 | Four Link Assembly | |
| — | 107718 | End Mounting Bracket Kit | |
| — | 107719 | Pin and Ring Kit | |
| 4 | 119106 | Riser Link Guide | 2 |
| — | 75041 | Screw - PHPM, 10-32 x 1 inch | |
| — | 6178 | Nylock Nut, 10-32 | |
| — | 6146 | Flat Washer, #10 | |

| Figure | Rev | Description |
|--------|-----|--|
| 508.1 | B | Secondary Boom Cable and Hose Clamps, Front View |



| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| 1 | 4828 | Nylock Nut, $\frac{3}{8}$ -16 | |
| 2 | 6097 | Flat Washer, $\frac{3}{8}$ inch | |
| 3 | 6019 | Screw - HHC, $\frac{3}{8}$ -16 x 1.25 inches, GR 5 | |
| 4 | 101106 | Clamp Assembly | 1 |
| 5 | 101788 | Cable Clamp | 2 |
| 6 | 101787 | Cable Clamp | 2 |
| 7 | 101786 | Cable Clamp | 2 |
| 8 | 77036 | Screw - HHC, $\frac{1}{4}$ -20 x 5.5 inches, GR 5 | |
| 9 | 6091 | Nylock Nut, $\frac{1}{4}$ -20 | |
| 10 | 6638 | Flat Washer, $\frac{1}{4}$ inch | |
| 11 | 106853 | Outside Clamp | 1 |
| 12 | Ref. | Cable Track (refer to 507.1) | |

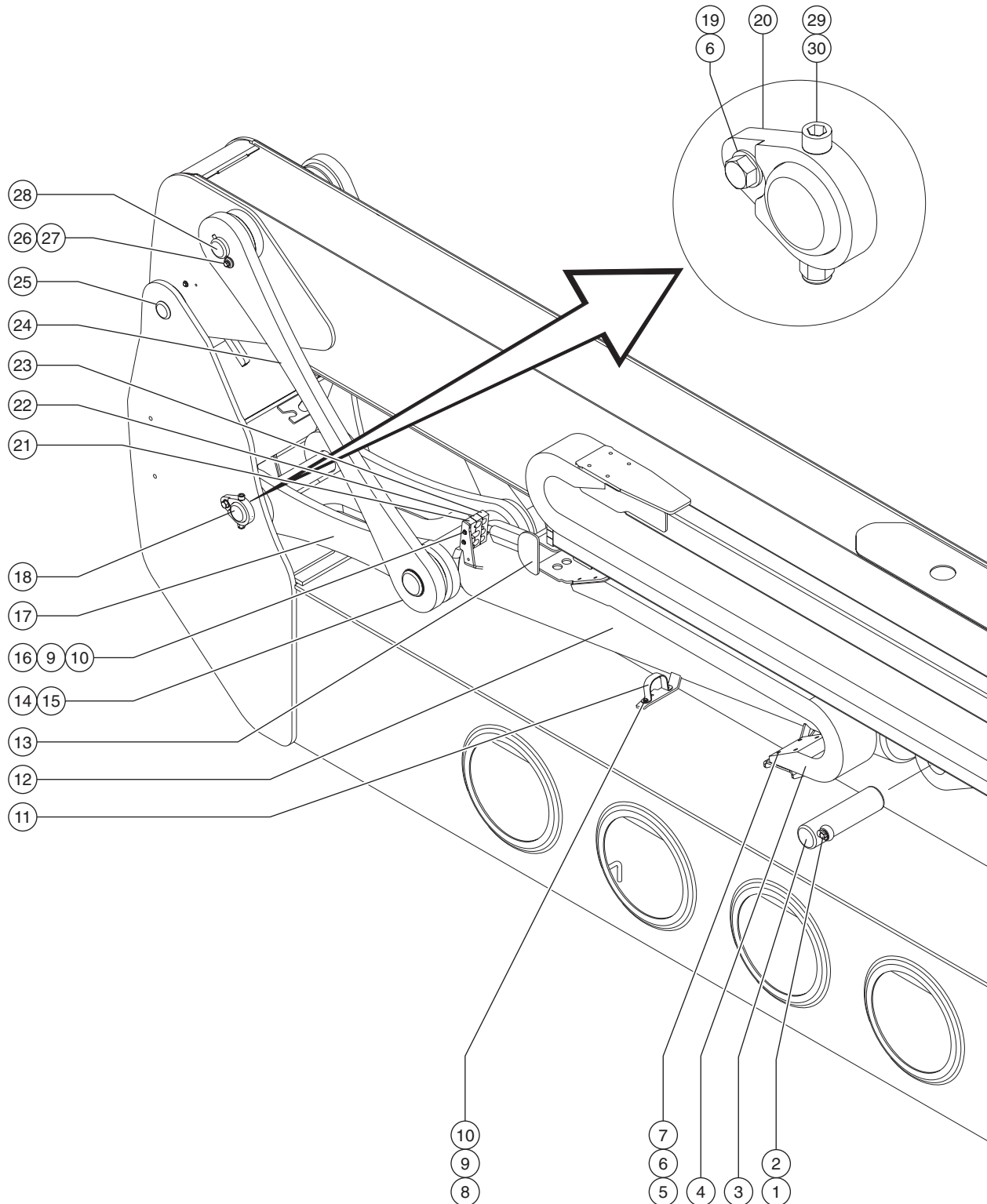
| Figure | Rev | Description |
|--------|-----|---|
| 509.1 | D | Secondary Boom Cable and Hose Clamps, Rear View |



509.1
Secondary Boom Cable and Hose Clamps, Rear View Rev D

| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| 1 | 77036 | Screw - HHC, 1/4 -20 x 5.5 inches, GR 5 | |
| 2 | 6638 | Flat Washer, 1/4 inch | |
| 3 | 6091 | Nylock Nut, 1/4 -20 | |
| 4 | 101786 | Cable Stay | 1 |
| 5 | 101787 | Cable Stay | 1 |
| 6 | 101788 | Cable Stay | 1 |
| 7 | 101106 | Block Clamp | 1 |
| 8 | 8516 | Screw - HHC, 3/8 -16 x 1.5 inches, GR 5 | |
| 9 | 6097 | Flat Washer, 3/8 inch | |
| 10 | 4828 | Nylock Nut, 3/8 -16 | |
| 11 | 106862 | Cable Track Clamp | 1 |
| 12 | 106853 | Cable Track Clamp | 1 |
| 13 | 6175 | Screw - HHC, 3/8 -16 x 1 inch, GR 5 | |
| 14 | 12011 | Screw - BHHS, 1/4 -20 x 0.5 inch | |
| 15 | 56093 | Wear Pad - Round | 1 |

| Figure | Rev | Description |
|--------|-----|--|
| 510.1 | C | Primary Boom Link, Lever and Lift Cylinder |

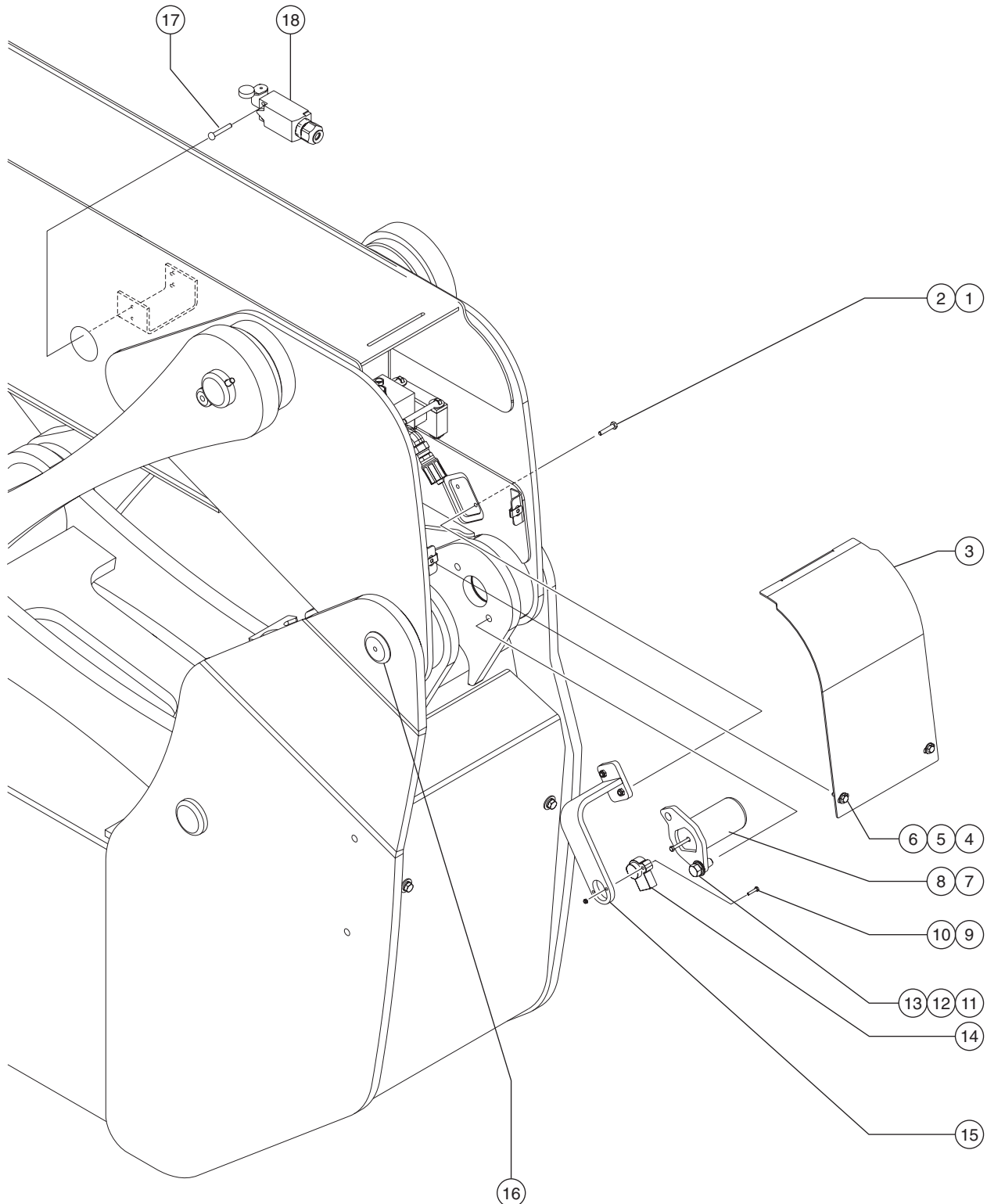


510.1

Primary Boom Link, Lever and Lift Cylinder Rev C

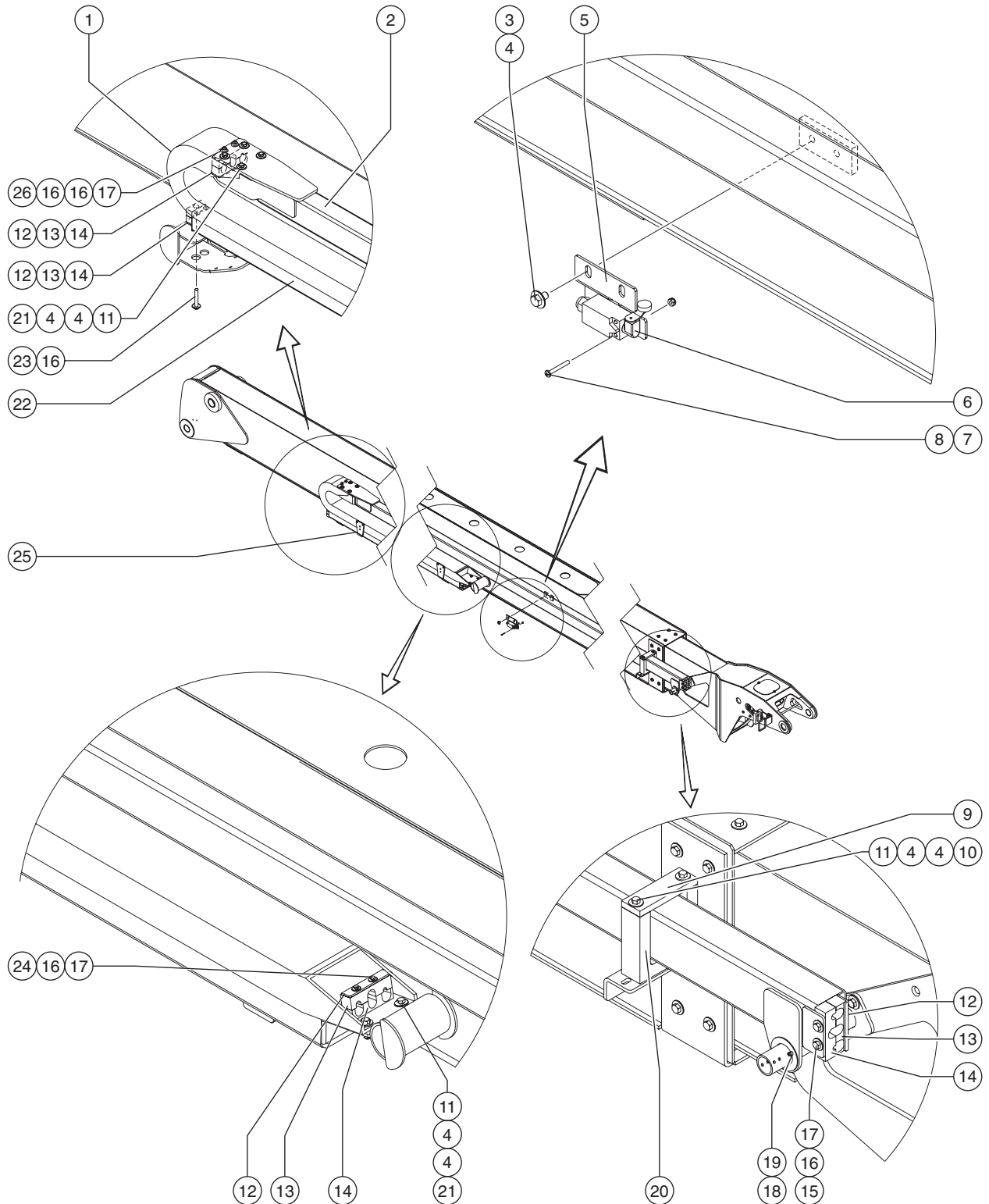
| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|--|------|------|----------|---|------|
| 1 | 33557 | Screw - HHC, 3/4 -10 x 2 inches, GR 5 | | 21 | 101110 | Cable Stay | 1 |
| 2 | 61341 | Rod End, 0.75 x 5 inches | 1 | 22 | 101315 | Cable Stay | 1 |
| 3 | 94810 | Pivot Pin, 3 x 11.5 inches | 1 | 23 | 101106 | Cable Stay Clamp | 1 |
| 4 | 106574 | Cable Track, 11 links | 1 | 24 | 106553 | Primary Boom Lever Assembly | 2 |
| 5 | 6019 | Screw - HHC, 3/8 -16 x 1.25 inches, GR 5 | | — | 101566 | Bearing, 3.25 x 3.5 x 2.25 inches | |
| 6 | 6097 | Flat Washer, 3/8 inch | | 25 | Ref. | Angle Sensor Pivot Pin (refer to 511.1) | |
| 7 | 4828 | Nylock Nut, 3/8 inch | | 26 | 8516 | Screw - HHC, 3/8 -16 x 1.5 inches, GR 5 | |
| 8 | 6090 | Screw - HHC, 1/4 -20 x 0.75 inch, GR 5 | | 27 | 45226 | Rod End, 0.375 x 3.69 inches | |
| 9 | 6638 | Flat Washer, 1/4 inch | | 28 | 94809 | Pivot Pin, 2.5 x 19.56 inches | 1 |
| 10 | 6091 | Nylock Nut, 1/4 -20 | | 29 | 42360 | Screw - SHC, 1/2 -13 x 4 inches | |
| 11 | 106580 | Primary Cable Clamp | 1 | 30 | 6198 | Nylock Nut, 1/2 -13 | |
| 12 | 61814 | Primary Boom Lift Cylinder | 1 | | | | |
| — | 88279 | Bearing, 3 x 3.5 x 1.5 inches (rod end) | | | | | |
| — | 101562 | Bearing, 3.25 x 3.75 x 2 inches (barrel end) | | | | | |
| — | 33428 | Counterbalance Valve, 3000 psi / 211 bar | | | | | |
| — | 106378 | Seal Kit | | | | | |
| 13 | Ref. | Cable Track Support (refer to 512.1) | | | | | |
| 14 | 94811 | Pivot Pin, 3.25 x 19 inches | 1 | | | | |
| 15 | 106544 | External Snap Ring, 3.25 inches .. | 2 | | | | |
| 16 | 36294 | Screw - HHC, 1/4 -20 x 2.75 inches, GR 5 | | | | | |
| 17 | 106552 | Primary Boom Link Assembly | 1 | | | | |
| — | 101566 | Bearing, 2.5 x 2.75 x 1.25 inches | | | | | |
| — | 101567 | Bearing, 3.25 x 3.5 x 1.5 inches | | | | | |
| 18 | 94813 | Pivot Pin, 2.5 x 19 inches | 1 | | | | |
| 19 | 8177 | Screw - HHC, 1/2 -13 x 1.5 inches, GR 5 | | | | | |
| 20 | 107676P | Pin Retainer Plate | 1 | | | | |
| — | 119151 | Pin Retainer Upgrade Kit (includes retainer plate and Items 29 and 30) | | | | | |

| Figure | Rev | Description |
|--------|-----|--|
| 511.1 | B | Primary Boom Angle Sensor and Retract Limit Switch |



| Item | Part No. | Description | Qty. |
|------|-------------|---|------|
| 1 | 8915 | Screw, 1/4 -20 x 1.25 inches, GR 5 | |
| 2 | 6889 | Nylock Nut, Low Profile, 1/4 -20 | |
| 3 | 107838 | Primary Boom Cover with Decal (USA, Canada, Australia) | 1 |
| — | 106277P | Primary Boom Cover (Europe, Asia, South America) | |
| 4 | 6888 | Screw, 1/4 -20 x 1 inch, GR 5 | |
| 5 | 6638 | Flat Washer, 1/4 inch | |
| 6 | 56912 | Spring Clip, 1/4 -20 | |
| 7 | 101715 | Primary Boom Sensor Pivot Pin ... | 1 |
| 8 | 101599 | Ball Point Hex Key | 1 |
| 9 | 22541 | Screw, 10-32 x 1.5 inches, GR 5 | |
| 10 | 6178 | Nylock Nut, 10-32 | |
| 11 | 10597 | Screw - HHC, 1/2 -13 x 1.25 inches, GR 5 | |
| 12 | 6033 | Lock Washer, 1/2 inch | |
| 13 | 13066 | Flat Washer, Hardened, 1/2 inch | |
| 14 | 94980 | Dual Output Angle Sensor | 1 |
| — | 106898 | Compression Spring | |
| 15 | 101710 | Angle Sensor Bracket | 1 |
| 16 | 94814 | Pivot Pin, 2.25 x 4.75 inches | 1 |
| 17 | 49817 | Screw - PHPM, 10-32 x 1.25 inches, GR 2 | |
| 18 | 94991 | Limit Switch Assembly | 1 |
| | 88356-42163 | Limit Switch with Roller Arm | |

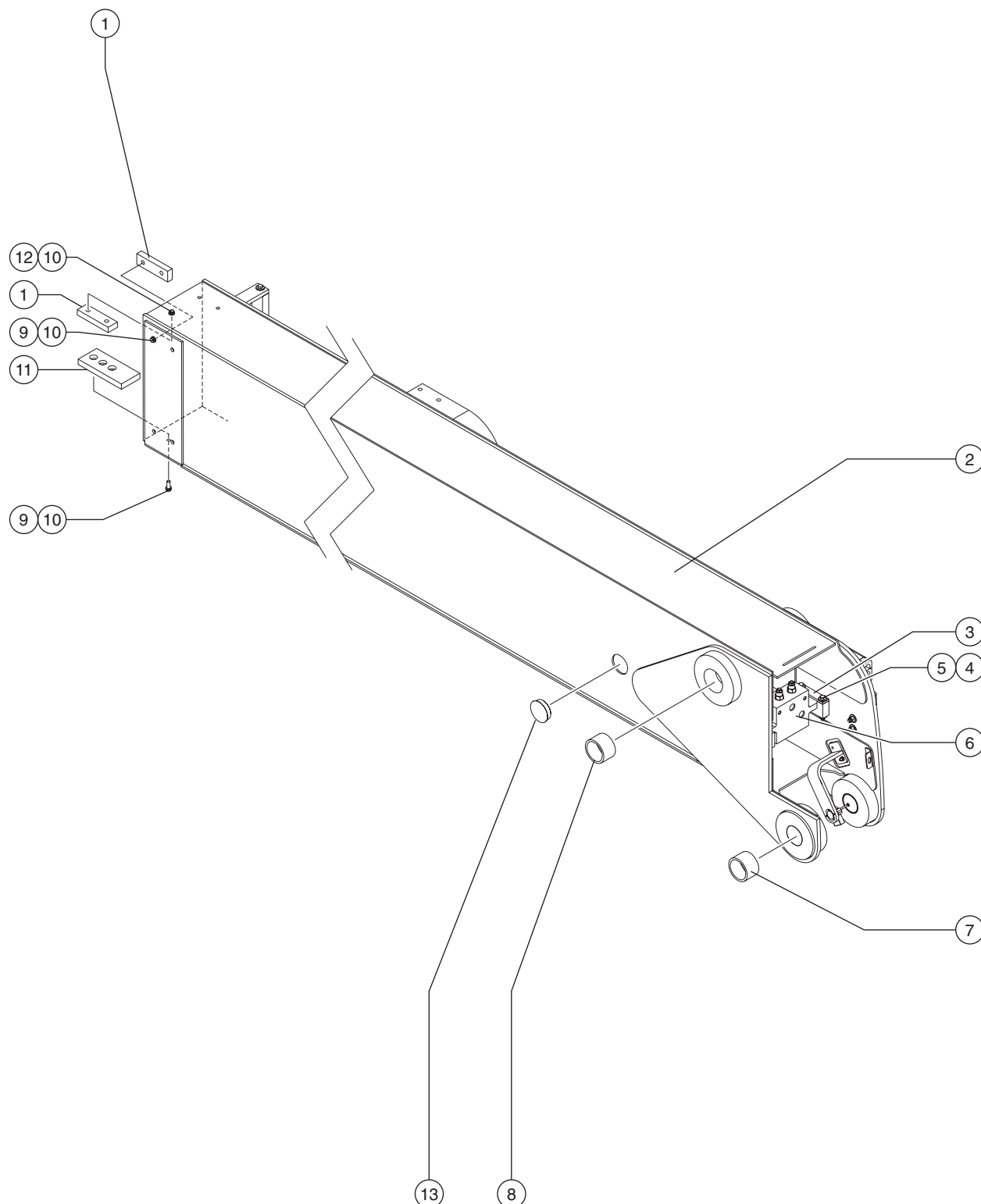
Figure 512.1
Rev D
Description Primary Boom Cable Track



512.1
Primary Boom Cable Track Rev D

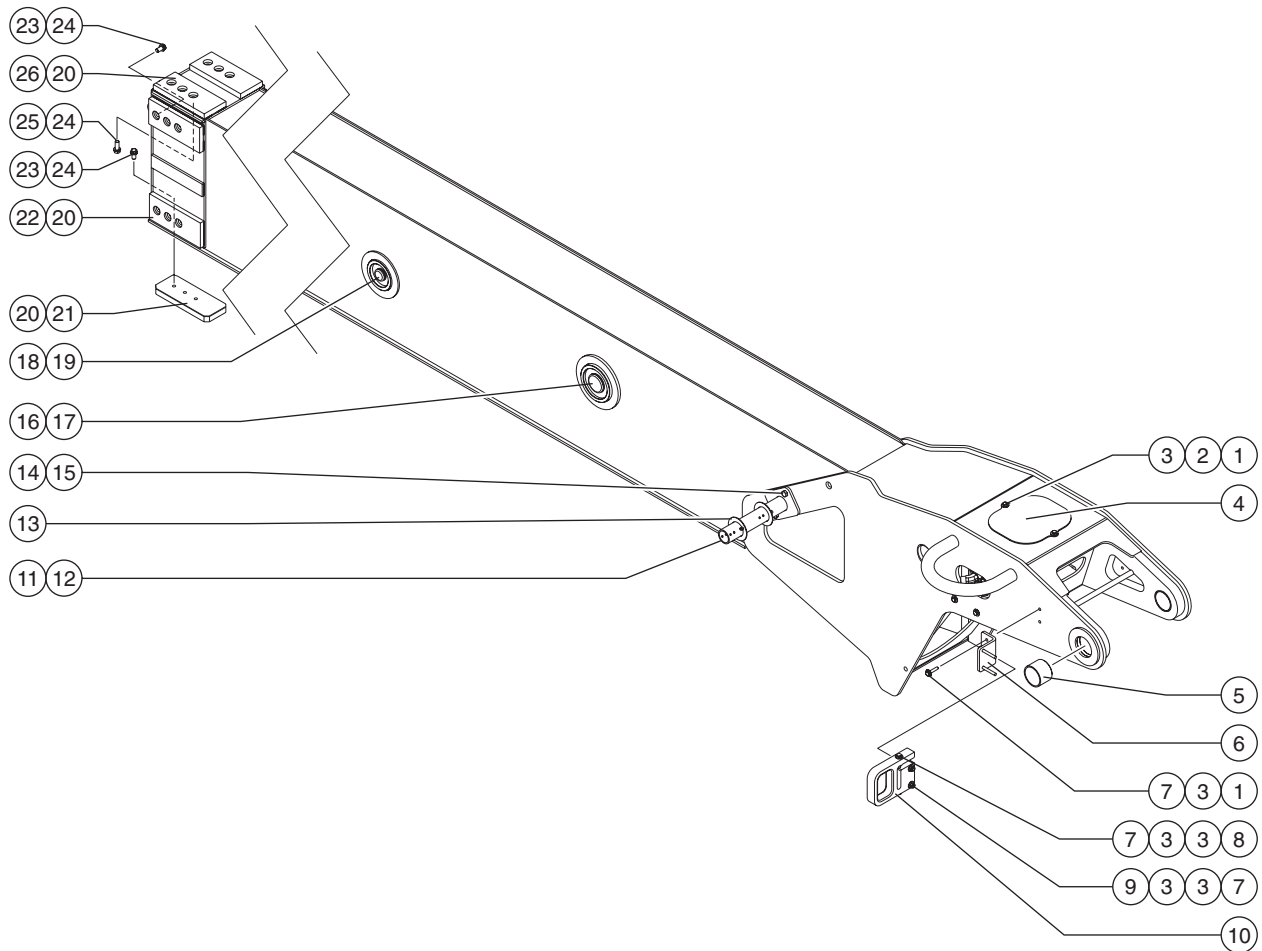
| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|-------------|---|------|------|----------|----------------------------------|------|
| 1 | 61852 | Steel Cable Track, 27 Links | 1 | 26 | 12343 | Screw - HHC, 1/4 -20 x 3 inches, | |
| — | 77896 | Link Repair, 4 Links | | | | GR 5 | |
| — | 102216 | End Brackets | | | | | |
| — | 106154 | Pin and Ring Kit | | | | | |
| 2 | 101098 | Primary Boom Pull Tube | 1 | | | | |
| 3 | 33681 | Screw - HHC, 3/8 -16 x 0.625 inch, GR 5 | | | | | |
| 4 | 6097 | Flat Washer, 3/8 inch | | | | | |
| 5 | 88019P | Limit Switch Mount | 1 | | | | |
| 6 | 94992 | Limit Switch Assembly | 1 | | | | |
| — | 88356-44163 | Limit Switch with Roller Arm | | | | | |
| 7 | 51063 | Screw - PHPM, 10-32 x 1.5 inches | | | | | |
| 8 | 6178 | Nylock Nut, 10-32 | | | | | |
| 9 | 81342 | Wear Pad, 5.5 x 1.75 x 0.5 inch ... | 1 | | | | |
| 10 | 81777 | Screw - HHC, 3/8 -16 x 7 inches, GR 5 | | | | | |
| 11 | 4828 | Nylock Nut, 3/8 inch | | | | | |
| 12 | 107868 | Plate, Clamp | 4 | | | | |
| 13 | 101110 | Cable Stay | 4 | | | | |
| 14 | 101315 | Cable Stay | 4 | | | | |
| 15 | 36294 | Screw - HHC, 1/4 -20 x 2.75 inches, GR 5 | | | | | |
| 16 | 6638 | Flat Washer, 1/4 inch | | | | | |
| 17 | 6091 | Nylock Nut, 1/4 inch | | | | | |
| 18 | 18596 | Flat Washer, 1.56 x 2.5 x 0.061 inch | | | | | |
| 19 | 42079 | Cotter Pin | | | | | |
| 20 | 81341 | Wear Pad, U-shaped | 1 | | | | |
| 21 | 6019 | Screw - HHC, 3/8 -16 x 1.25 inch, GR 5 | | | | | |
| 22 | 94592 | Cable Track Support | 1 | | | | |
| 23 | 42571 | Screw - HHC, 1/4 -20 x 3.25 inches, GR 5 | | | | | |
| 24 | 11413 | Screw - HHC, 1/4 -20 x 4 inches, GR 5 | | | | | |
| 25 | 70264 | Cable Track Guide | 4 | | | | |
| — | 39317 | Stop | | | | | |
| — | 87085 | Aluminum Rivet, 3/16 x 0.25 inch | | | | | |

| Figure | Rev | Description |
|--------|-----|-------------------------------------|
| 513.1 | B | Primary Boom Bearings and Wear Pads |



| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 1 | 34125 | Wear Pad, 0.5 x 1.5 x 0.75 inch ... | 6 |
| 2 | 107762 | Primary Boom with Decals | 1 |
| 3 | 106281 | Cylinder Mount Retainer | 2 |
| 4 | 6326 | Screw - HHC, $\frac{3}{8}$ -16 x 3 inches, GR 5 | |
| 5 | 6097 | Flat Washer, $\frac{3}{8}$ inch | |
| 6 | 61815 | Extension Cylinder | 1 |
| — | 106538 | Seal Kit | |
| — | 88667 | Counterbalance Valve, 1500 psi / 105.4 bar (extend) | |
| — | 74872 | Counterbalance Valve, 3000 psi / 210.9 bar (retract) | |
| 7 | 101561 | Bearing, 2.25 x 2.5 x 2.25 inches | 2 |
| 8 | 101559 | Flanged Bearing, 2.25 x 2.75 x 1.5 inches | 2 |
| 9 | 6175 | Screw - HHC, $\frac{3}{8}$ -16 x 1 inches, GR 5 | |
| 10 | 6021 | Lock Washer, $\frac{3}{8}$ inch | |
| 11 | 50245 | Wear Pad, 7 x 3 x 0.75 inch | 2 |
| 12 | 49857 | Screw - HHC, $\frac{3}{8}$ -16 x 0.875 inches, GR 5 | |
| 13 | 39640 | Black Plastic Plug, 2.5 inches | 1 |

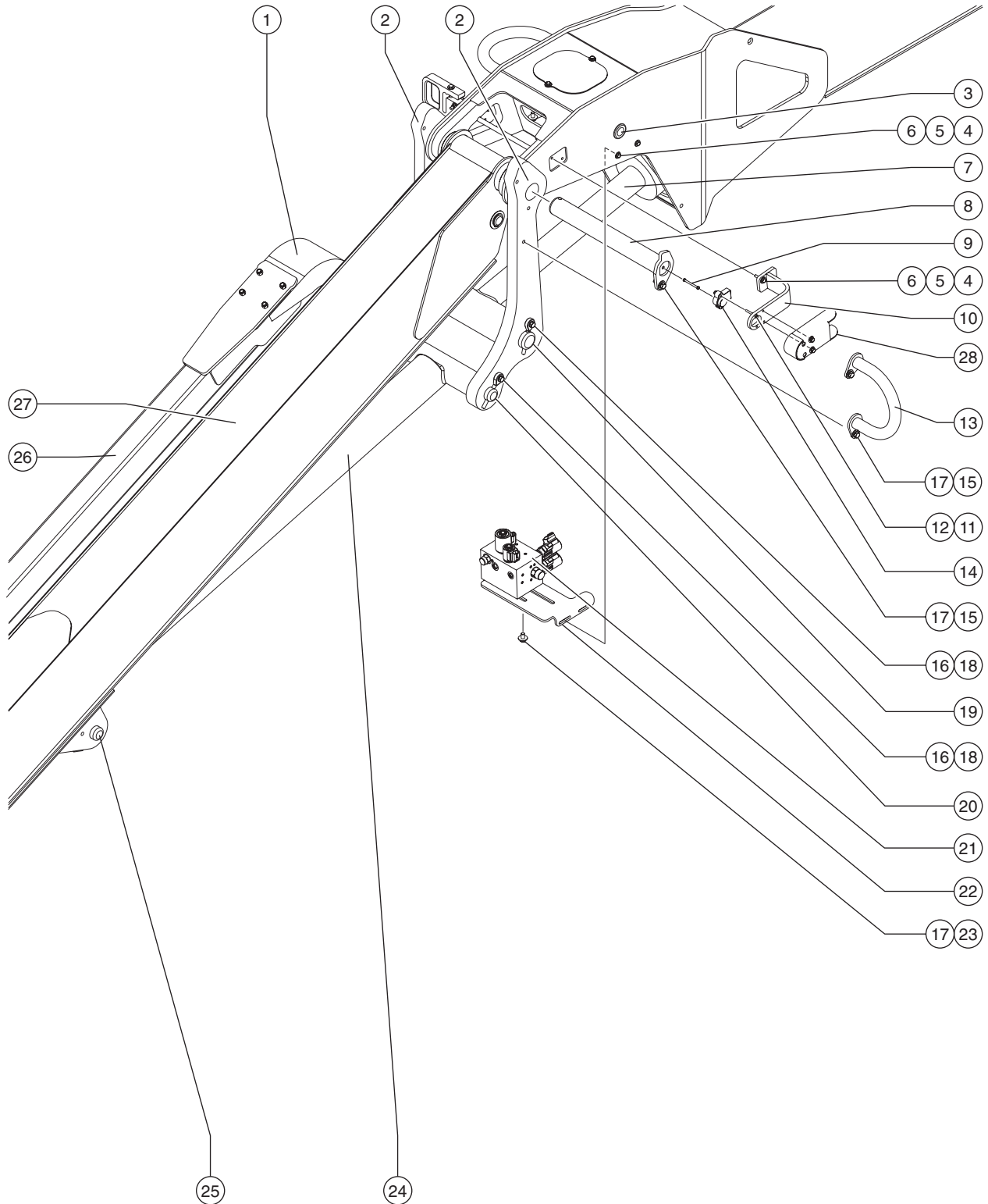
| Figure | Rev | Description |
|--------|-----|------------------------|
| 514.1 | B | Primary Extension Boom |



514.1
Primary Extension Boom Rev B

| Item | Part No. | Description | Qty. |
|------|----------|--|-----------|
| 1 | 8915 | Screw - HHC, 1/4 -20 x 1.25 inches, GR 5 | |
| 2 | 6356 | Lock Washer 1/4 inch | |
| 3 | 6638 | Flat Washer, 1/4 inch | |
| 4 | 106081 | Jib Manifold Cover | 1 |
| 5 | 101560 | Bearing, 2 x 2.25 x 1.375 inches | 2 |
| 6 | 106165 | Cable Clamp Mount | 1 |
| 7 | 6091 | Nylock Nut, 1/4 inch | |
| 8 | 74254 | Screw - HHC, 1/4 -20 x 4.5 inches, GR 5 | |
| 9 | 4266 | Screw - HHC, 1/4 -20 x 2 inches, GR 5 | |
| 10 | 106135 | Cable Clamp | 1 |
| 11 | 81347 | Cable Track Pull Tube Mount | 1 |
| 12 | 42079 | Cotter Pin, 5/32 x 2.5 inches | 2 |
| 13 | 18596 | Flat Washer, 1.56 x 2.5 x 0.061 inch | 2 |
| 14 | 88783 | Screw, BHS, 3/8 -16 x 1.25 inches, GR 5 | |
| 15 | 4828 | Nylock Nut, 3/8 -16 | |
| 16 | 94806 | Pivot Pin, 2 x 8.26 inches | 1 |
| 17 | 18716 | External Snap Ring, 2 inches | 2 |
| 18 | 88345 | Pivot Pin, 1.25 x 8.11 inches | 1 |
| 19 | 30217 | External Snap Ring, 1.25 inches | 1 |
| 20 | 60304 | Shim | as needed |
| 21 | 60239 | Wear Pad, 7 x 3 x 0.625 inch | 2 |
| 22 | 107586 | Wear Pad, 7 x 3 x 0.5 inch | 4 |
| 23 | 8255 | Screw - HHC, 3/8 -16 x 0.75 inches, GR 5 | |
| 24 | 6021 | Lock Washer, 3/8 inch | |
| 25 | 6175 | Screw - HHC, 3/8 -16 x 1 inch, GR 5 | |
| 26 | 88648 | Wear Pad, 7 x 3 x 0.75 inch | 2 |

| Figure | Rev | Description |
|--------|-----|--|
| 515.1 | C | Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder |

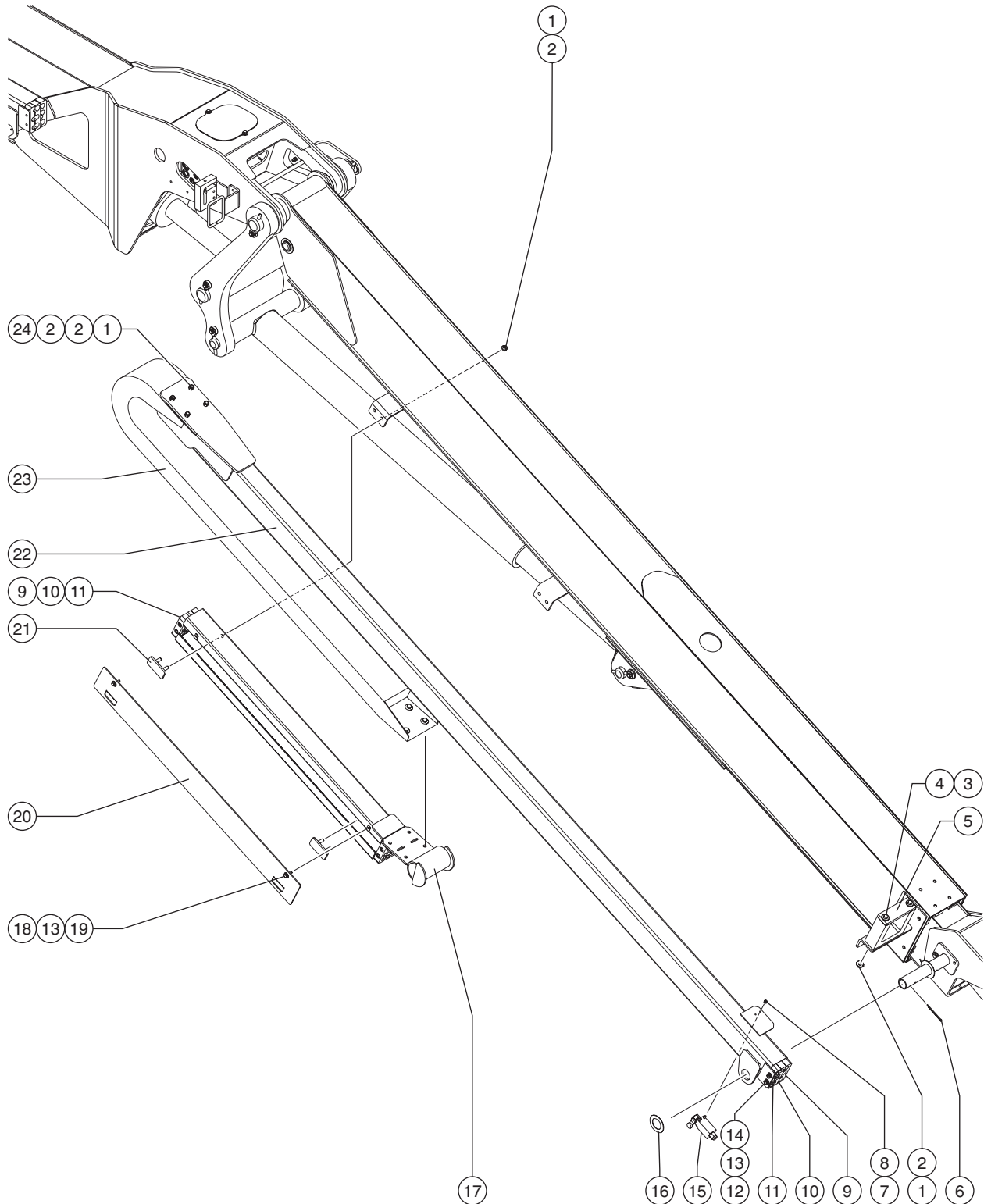


515.1

Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder Rev C

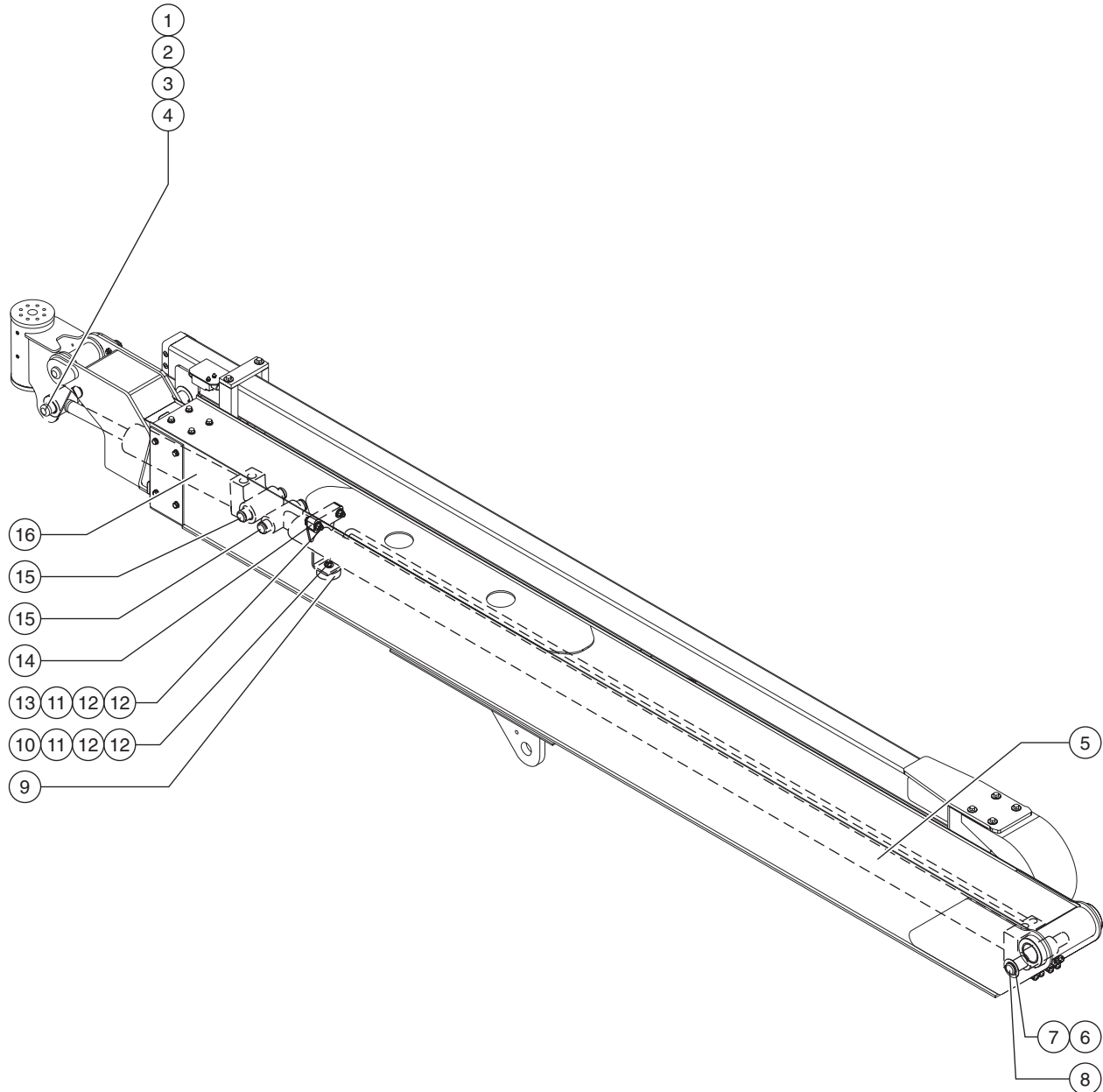
| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|---|------|------|----------|---|------|
| 1 | Ref. | Jib Boom Cable Track (refer to 516.1) | | 24 | 61817 | Jib Boom Lift Cylinder | 1 |
| | | | | — | 94203 | Seal Kit | |
| 2 | 61920P | Jib Boom Bellcrank | 2 | — | 61602 | Counterbalance Valve, 3500 psi / 246 bar | |
| 3 | 106923 | Rubber Grommet | 2 | — | 88280 | Bearing, 1.5 x 1.75 x 0.75 inch | |
| 4 | 8915 | Screw - HHC, 1/4 -20 x 1.25 inches, GR 5 | | 25 | 47666 | Pivot Pin, 1.5 x 8.95 inches | 1 |
| 5 | 6638 | Flat Washer, 1/4 inch | | 26 | Ref. | Jib Cable Track Pull Tube (refer to 516.1) | |
| 6 | 6091 | Nylock Nut, 1/4 -20 | | 27 | 94566 | Jib Boom Primary Tube | 1 |
| 7 | 106519 | Jib Boom Level Cylinder | 1 | 28 | 106691 | Switch Cover | 1 |
| — | 106532 | Seal Kit | | — | 6090 | Screw - HHC, 1/4 -20 x 0.75 inch, GR 5 | |
| — | 33428 | Counterbalance Valve, 3000 psi / 210.9 bar | | — | 6356 | Lock Washer, 1/4 inch | |
| — | 42014 | Bearing, 2 x 2.25 x 2 inches | | — | 6638 | Flat Washer, 1/4 inch | |
| 8 | 101713 | Bellcrank Sensor Pivot Pin | 1 | | | | |
| 9 | 101599 | Ball Point Hex Key | 1 | | | | |
| 10 | 101709 | Angle Sensor Bracket | 1 | | | | |
| 11 | 22541 | Screw - RHM, 10-32 x 1.5 inches, GR 5 | | | | | |
| 12 | 6178 | Nylock Nut, 10-32 | | | | | |
| 13 | 106688 | Protection Bar | 1 | | | | |
| 14 | 94980 | Dual Output Angle Sensor | 1 | | | | |
| — | 106898 | Compression Spring | | | | | |
| 15 | 6019 | Screw - HHC, 3/8 -16 x 1.25 inches, GR 5 | | | | | |
| 16 | 6021 | Lock Washer, 3/8 inch | | | | | |
| 17 | 6097 | Flat Washer, 3/8 inch | | | | | |
| 18 | 8516 | Screw - HHC, 3/8 -16 x 1.5 inches, GR 5 | | | | | |
| 19 | 94804 | Pivot Pin, 2 x 17.06 inches | 1 | | | | |
| 20 | 94803 | Pivot Pin, 1.5 x 17.06 inches | 1 | | | | |
| 21 | Ref. | Jib Boom Manifold (refer to 704.1) | | | | | |
| 22 | 106074 | Jib Boom Manifold Bracket | 1 | | | | |
| 23 | 94195 | Screw - HHC, 3/8 -16 x 0.75 inches, GR 5 | | | | | |

| Figure | Rev | Description |
|--------|-----|----------------------|
| 516.1 | C | Jib Boom Cable Track |



| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 1 | 4828 | Nylock Nut, $\frac{3}{8}$ -16 | |
| 2 | 6097 | Flat Washer, $\frac{3}{8}$ inch | |
| 3 | 81777 | Screw - HHC, $\frac{3}{8}$ -16 x 7 inches, GR 5 | |
| 4 | 6097 | Flat Washer, $\frac{3}{8}$ x 1 inch | |
| 5 | 81342 | Wear Pad, 5.5 x 1.75 x 0.5 inch ... 1 | |
| — | 81341 | Pull Tube Wear Pad 1 | |
| 6 | 42079 | Cotter Pin | |
| 7 | 6178 | Nylock Nut, 10-32 | |
| 8 | 51063 | Screw - PHM, 10-32 x 1.5 inches | |
| 9 | 101106 | Cable Stay 4 | |
| 10 | 101108 | Cable Stay 4 | |
| 11 | 101109 | Cable Stay 4 | |
| 12 | 36294 | Screw - HHC, $\frac{1}{4}$ -20 x 2.75 inches, GR 5 | |
| 13 | 6638 | Flat Washer, $\frac{1}{4}$ inch | |
| 14 | 6091 | Nylock Nut, $\frac{1}{4}$ -20 | |
| 15 | 94989 | Limit Switch Assembly 1 | |
| 16 | 18596 | Flat Washer, 1.56 x 2.5 x 0.061 inch | |
| 17 | 101099 | Cable Track Support 1 | |
| 18 | 6888 | Screw - HHC, $\frac{1}{4}$ -20 x 1 inch, GR 5 | |
| 19 | 56912 | Spring Clip, $\frac{1}{4}$ -20 | |
| 20 | 101772 | Cable Track Support Cover 1 | |
| 21 | 101105 | Cable Track Support Mount 2 | |
| 22 | 101112 | Jib Boom Pull Tube 1 | |
| 23 | 94775 | Cable Track, 15 Link 1 | |
| 24 | 6019 | Screw - HHC, $\frac{3}{8}$ -16 x 1.25 inches, GR 5 | |

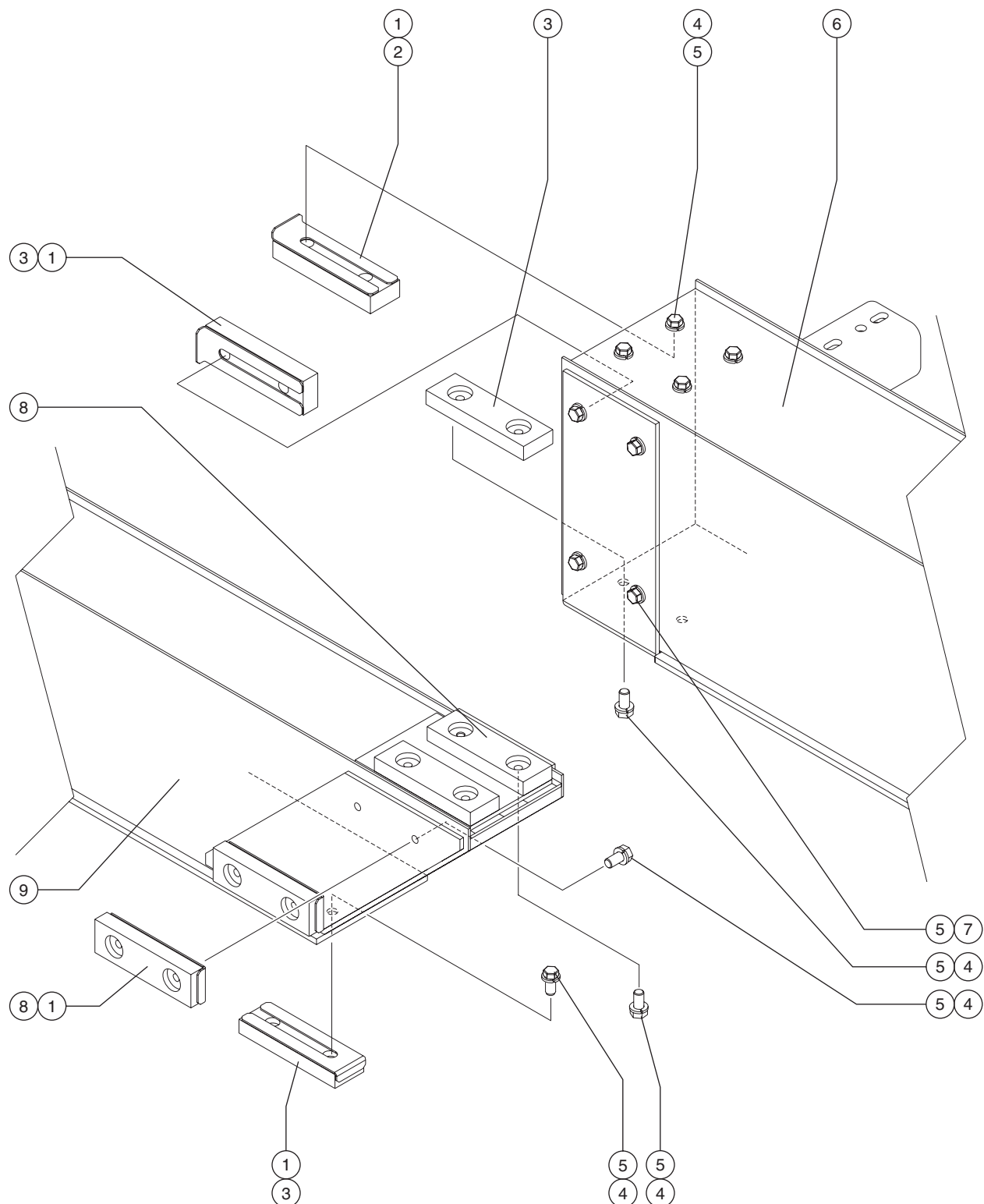
| Figure | Rev | Description |
|--------|-----|---|
| 517.1 | A | Jib Boom Extension and Platform Level Cylinders |



517.1
Jib Boom Extension and Platform Level Cylinders Rev A

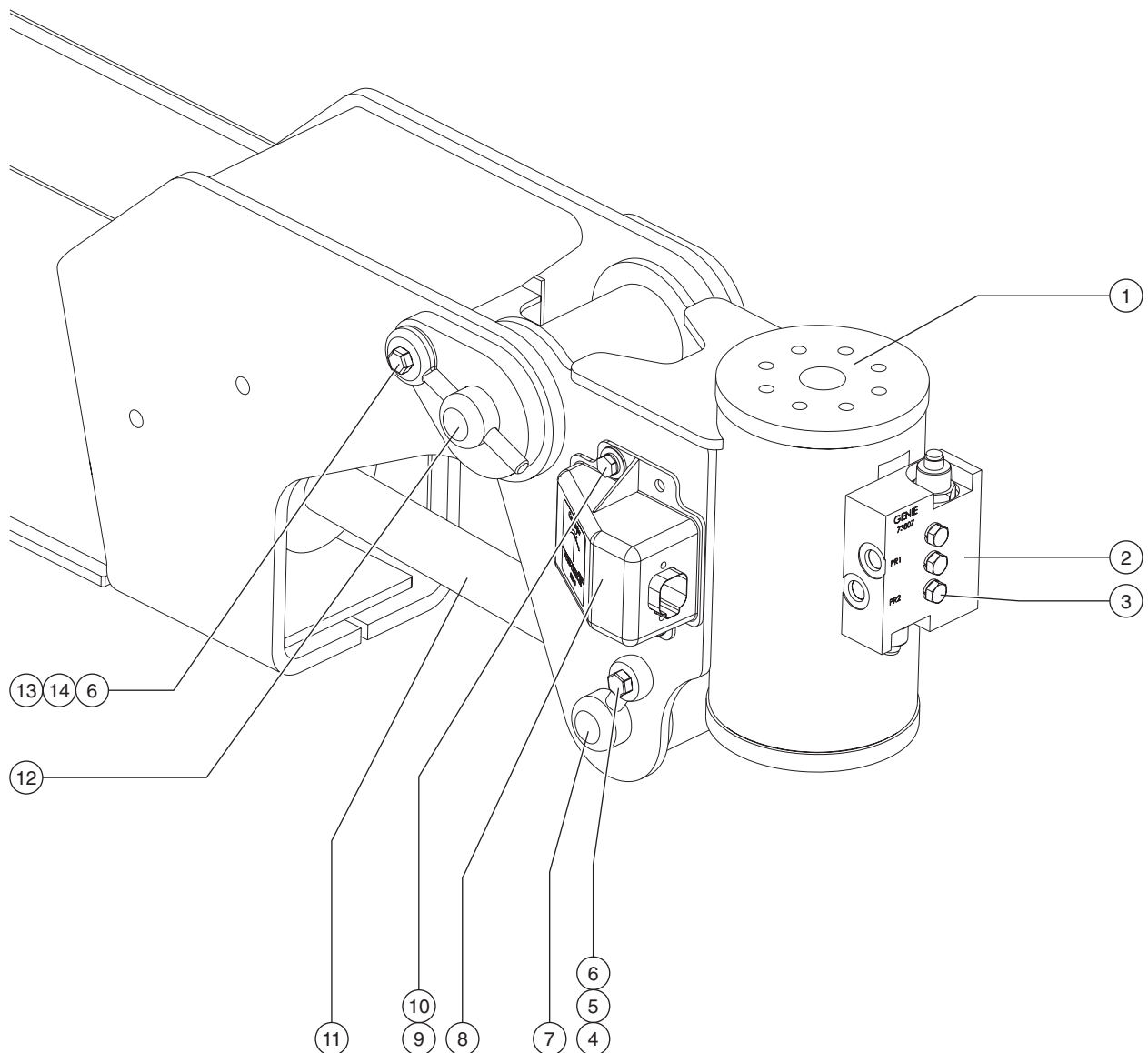
| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 1 | 30187 | Pivot Pin, 1.25 x 5.25 inches | 1 |
| 2 | 25284 | Rod End, 0.375 x 2.25 inches | 1 |
| 3 | 6175 | Screw - HHC, $\frac{3}{8}$ -16 x 1 inch, GR 5 | |
| 4 | 7713 | Nylock Nut, Low Profile, $\frac{3}{8}$ -16 | |
| 5 | 94653 | Jib Extension Cylinder | 1 |
| — | 94194 | Seal Kit | |
| — | 54063 | Counterbalance Valve, 1000 psi / 68.94 bar (extend) | |
| — | 89872 | Counterbalance Valve, 2000 psi / 137.9 bar (retract) | |
| 6 | 30217 | External Snap Ring, 1.25 inch | |
| 7 | 30255 | Shim Washer, 1.27 x 2.13 x 0.062 inch | |
| 8 | 34267 | Pivot Pin, 1.25 x 8.3 inches | 1 |
| 9 | 74085 | Rest Pad | 1 |
| 10 | 8516 | Screw - HHC, $\frac{3}{8}$ -16 x 1.5 inches, GR 5 | |
| 11 | 4828 | Nylock Nut, $\frac{3}{8}$ -16 | |
| 12 | 6097 | Flat Washer, $\frac{3}{8}$ inch | |
| 13 | 5224 | Screw - HHC, $\frac{3}{8}$ -16 x 2 inches, GR 5 | |
| 14 | 71858 | Wear Pad, 4.25 x 1.5 x 1 inch | 1 |
| 15 | 50546 | Pivot Pin, 1.25 x 6.25 inches | 2 |
| 16 | 61816 | Platform Level Cylinder | 1 |
| — | 94193 | Seal Kit | |
| — | 54065 | Counterbalance Valve, 3500 psi / 241.3 bar | 2 |
| — | 47377 | Bearing, 1.25 x 1.5 x 0.75 inch | 4 |

| Figure | Rev | Description |
|--------|-----|------------------------------|
| 518.1 | A | Jib Boom Tubes and Wear Pads |



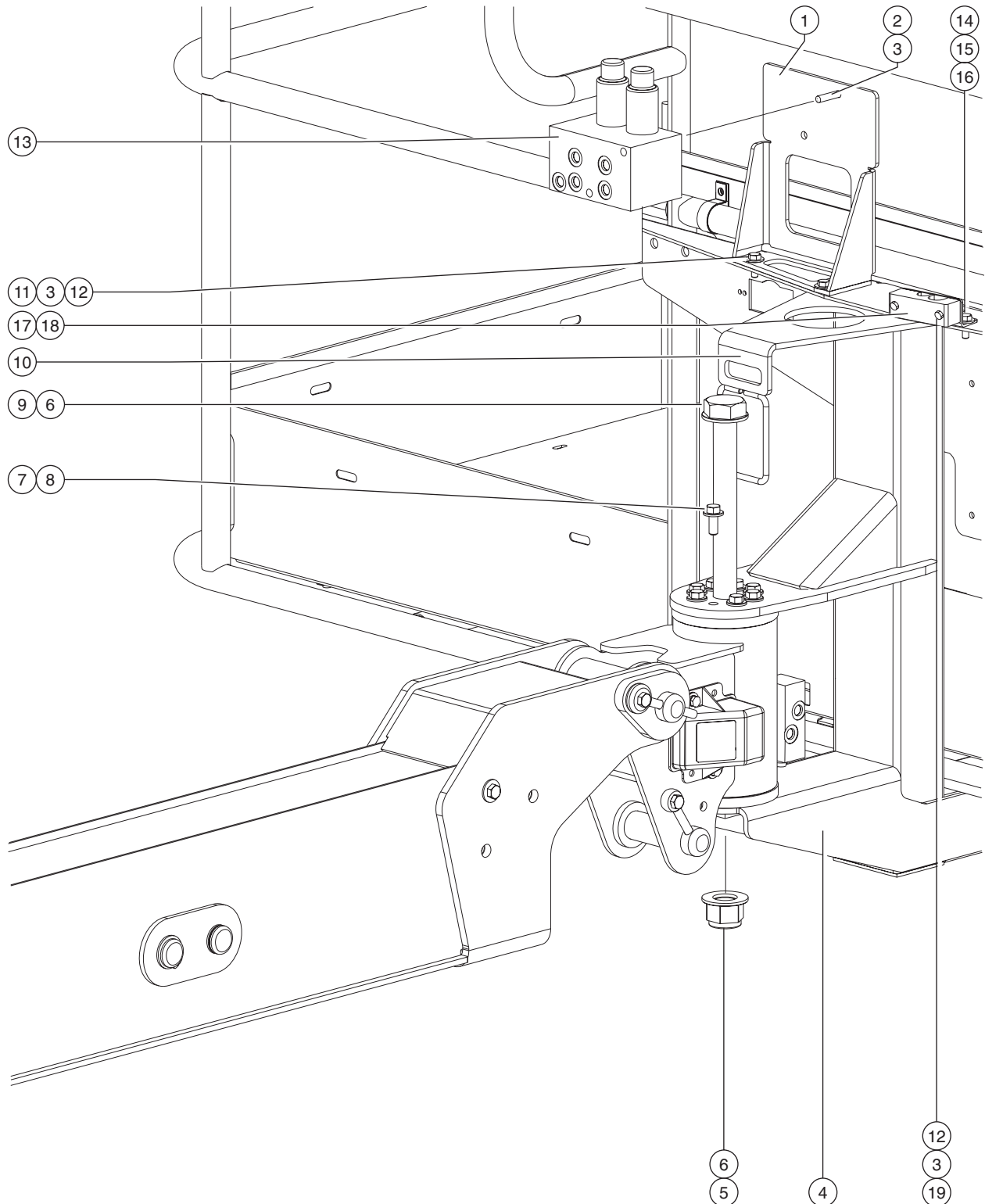
| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 1 | 29080 | Shim, 16 Gauge as needed | |
| 2 | 30138 | Wear Pad, 5 x 1.5 x 0.625 inch | 2 |
| 3 | 34125 | Wear Pad, 5 x 1.5 x 0.75 inch | 8 |
| 4 | 8255 | Screw - HHC, $\frac{3}{8}$ -16 x 0.75 inch, GR 5 | |
| 5 | 6021 | Lock Washer, $\frac{3}{8}$ inch | |
| 6 | 106674 | Jib Primary Tube (includes bearings) | |
| — | 42014 | Bearing, 2 x 2.5 x 2 inches | |
| 7 | 6175 | Screw - HHC, $\frac{3}{8}$ -16 x 1 inch, GR 5 | |
| 8 | 30137 | Wear Pad, 5 x 1.5 x 0.5 inch | 6 |
| 9 | 106673 | Jib Boom Extension Tube with Word Decals (USA, Canada, Australia) (includes bearings) | |
| — | 106675 | Jib Boom Extension Tube (Europe, Asia, South America) (includes bearings) | |
| — | 30219 | Flanged Bearing, 1.25 x 1.41 inches | |

| Figure | Rev | Description |
|--------|-----|------------------|
| 519.1 | A | Platform Rotator |



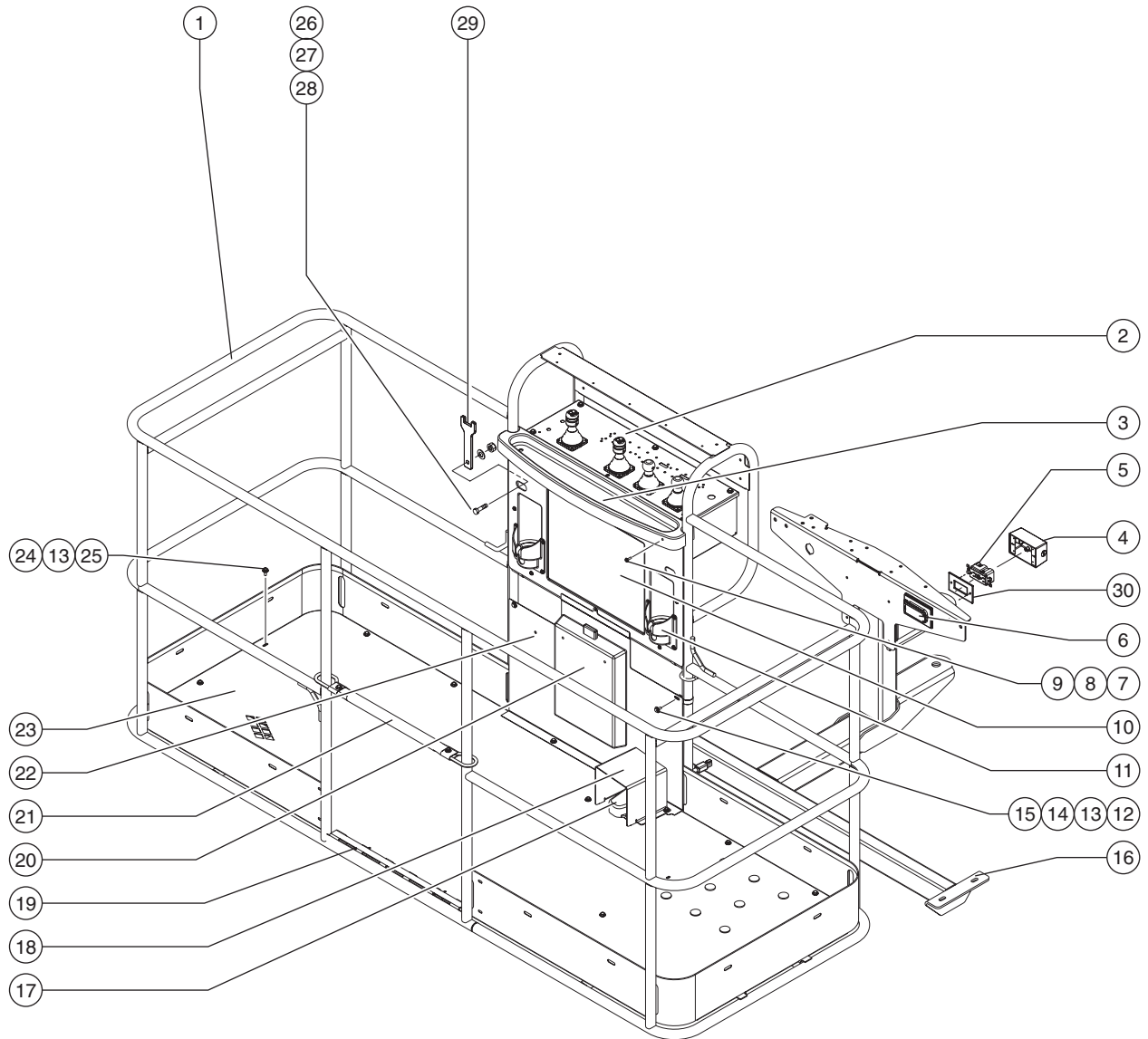
| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 1 | 88576 | Platform Rotator | 1 |
| — | 94442 | Seal Kit | |
| 2 | Ref. | Counterbalance Manifold (refer to 707.1) | |
| 3 | 6637 | Screw - HHC, 1/4 -20 x 1.75 inches, GR 5 | |
| 4 | 6175 | Screw - HHC, 3/8 -16 x 1 inch, GR 5 | |
| 5 | 25284 | Rod End, 0.375 x 2.25 inches | |
| 6 | 4828 | Nylock Nut, 3/8 -16 | |
| 7 | 30187 | Pivot Pin, 1.25 x 5.25 inches | 1 |
| 8 | 50813 | Platform Angle Sensor | 1 |
| 9 | 8914 | Screw - HHC, 1/4 -20 x 0.625 inch, GR 5 | |
| 10 | 6638 | Flat Washer, 1/4 inch | |
| 11 | Ref. | Platform Level Cylinder (refer to 517.1) | |
| 12 | 34239 | Pivot Pin, 1.25 x 7.88 inches | 1 |
| 13 | 39478 | Screw - HHC, 3/8 -16 x 2 inches, GR 5 | |
| 14 | 45226 | Rod End, 0.375 x 3.69 inches | |

| Figure | Rev | Description |
|--------|-----|----------------|
| 601.1 | B | Platform Mount |



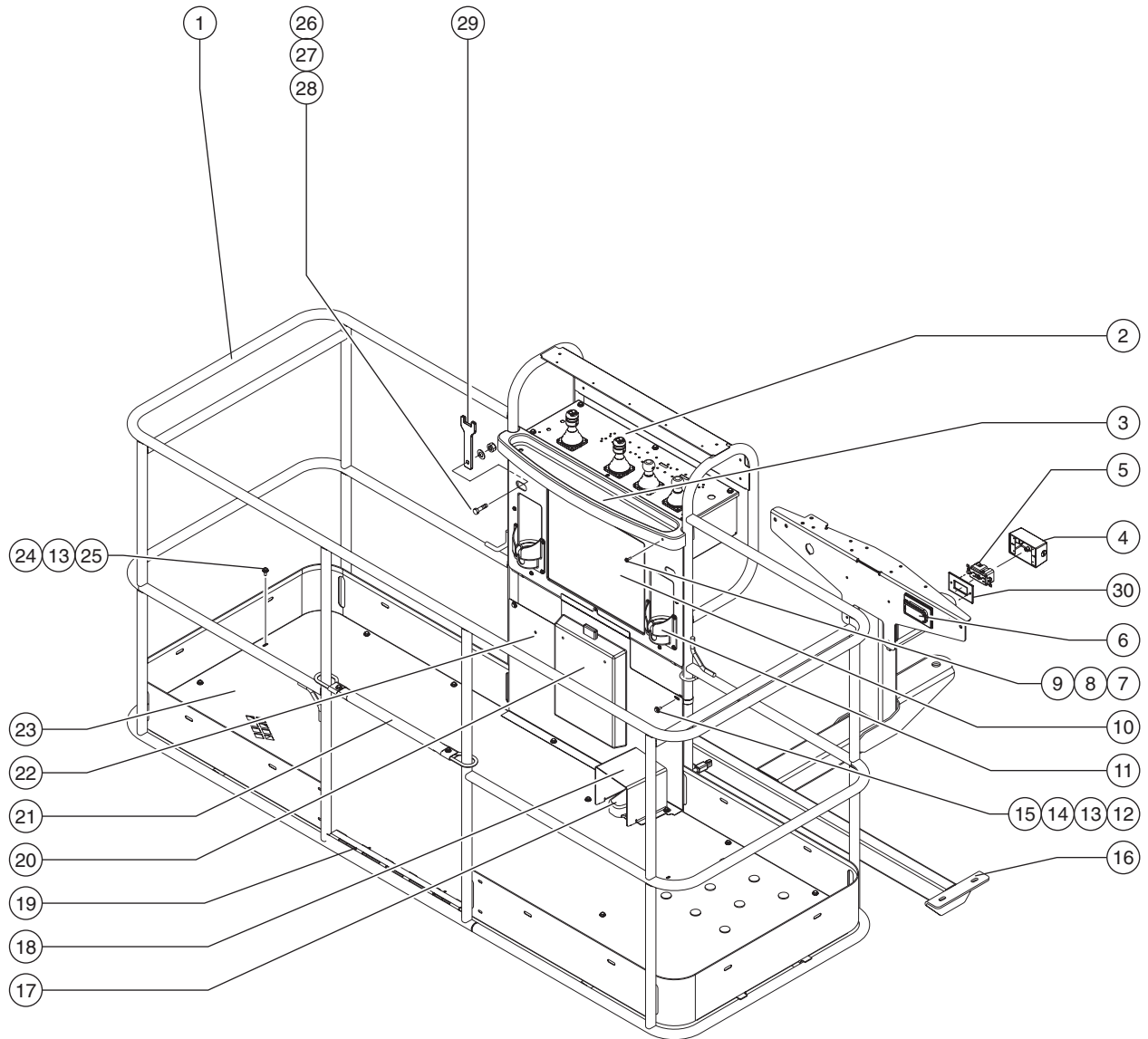
| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| 1 | 60955 | Manifold Bracket | 1 |
| 2 | 6090 | Screw - HHC, 1/4 -20 x 0.75 inch, GR 5 | |
| 3 | 6638 | Flat Washer, 1/4 inch | |
| 4 | 60370 | Platform Support | 1 |
| 5 | 29764 | Nylock Nut, 1-8 | |
| 6 | 13775 | Flat Washer, 1.063 x 2 x 0.134 inch | |
| 7 | 77692 | Screw - HHC, 3/8 -16 x 1 inch, GR 8 | 8 |
| 8 | 6097 | Flat Washer, 3/8 inch | 8 |
| 9 | 73928 | Screw - HHC, 1-8 x 11 inches, GR 5 | |
| 10 | 106185 | Cable Guide | 1 |
| — | 55067 | Grommet, 3 x 0.19 x 3.5 inches | |
| 11 | 6888 | Screw - HHC, 1/4 -20 x 1 inch, GR 5 | |
| 12 | 6091 | Nylock Nut, 1/4 -20 | |
| 13 | Ref. | Platform Manifold (refer to 708.1) | |
| 14 | 13002 | Screw - HHC, 5/16 -18 x 1 inch, GR 5 | |
| 15 | 5397 | Flat Washer, 5/16 inch | |
| 16 | 6037 | Nut, 5/16 -18 GR 2 | |
| 17 | 106857 | Cable Clamp | |
| 18 | 77993 | Cable Bracket | |
| 19 | 4266 | Screw - HHC, 1/4 -20 x 2 inches, GR 5 | |

| Figure | Rev | Description |
|--------|-----|-------------------------|
| 602.1 | B | Platform Configurations |



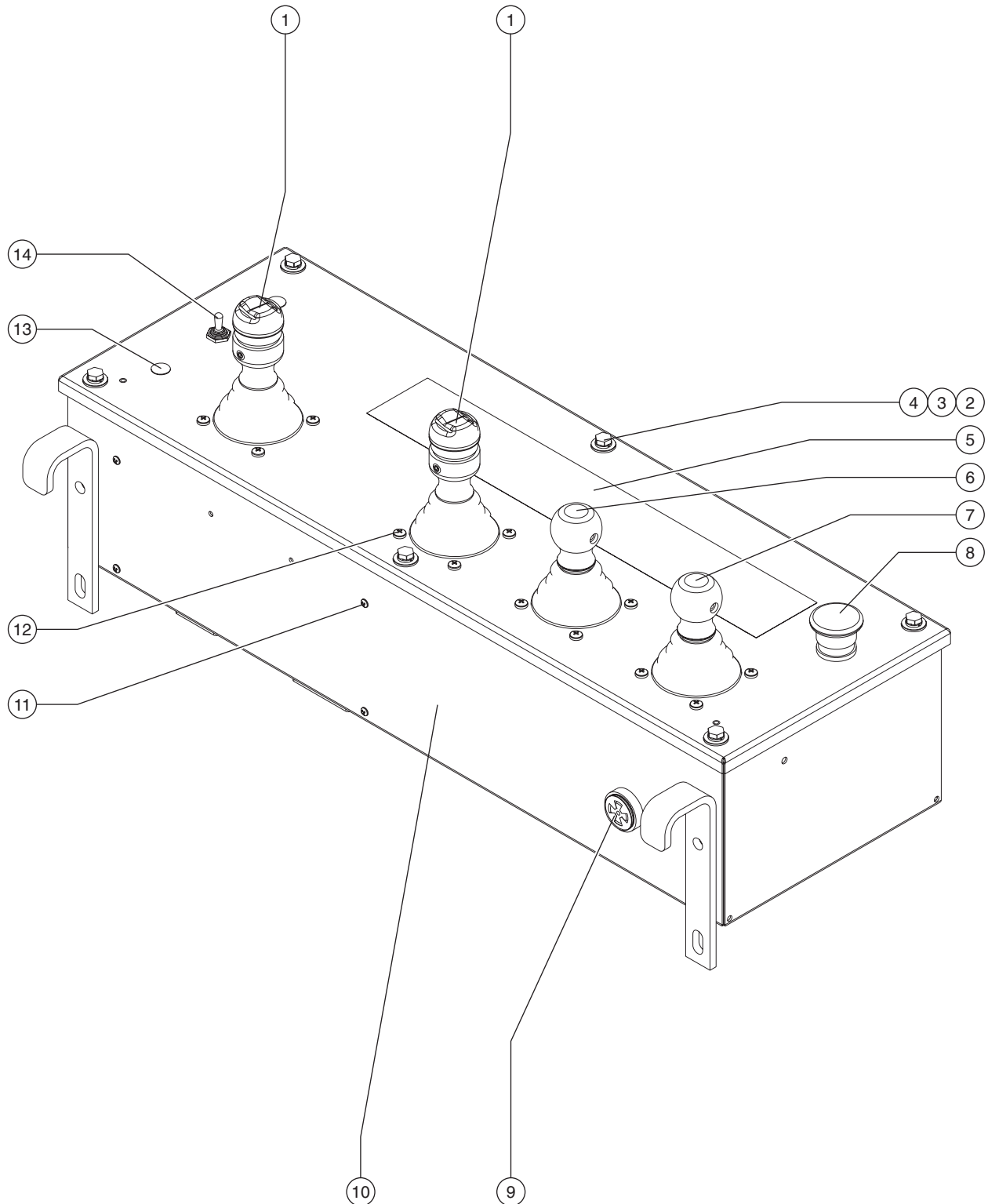
| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|---|----------|---|------|--|----------|--|------|
| Platform Assemblies with Word Decals | | | | 6 | 45437 | Weatherproof Cover (USA/Canada) | 1 |
| USA and Canada: | | | | — | 10777 | Face Plate (Europe) | |
| — | 107779 | 6 Foot Platform Assembly, Complete | | 7 | 49816 | Screw - PHPM, 10-32 x 0.75 inch, GR 2 | |
| — | 107780 | 8 Foot Platform Assembly, Complete | | 8 | 6146 | Flat Washer, #10 | |
| Australia: | | | | 9 | 6178 | Nylock Nut, 10-32 | |
| — | 107783 | 6 Foot Platform Assembly, Complete | | 10 | 107794 | Decal Plate with Word Decals (USA, Canada, Australia) | 1 |
| — | 107784 | 8 Foot Platform Assembly, Complete | | — | 107795 | Decal Plate with Symbol Decals (Europe, Asia, South America) | |
| Assemblies with Symbol Decals | | | | 11 | 60474 | Cup Holder | 2 |
| Europe: | | | | 12 | 8914 | Screw - HHC, 1/4 -20 x 0.625 inch, GR 5 | |
| — | 107781 | 6 Foot Platform Assembly, Complete | | 13 | 6638 | Flat Washer, 1/4 inch | |
| — | 107782 | 8 Foot Platform Assembly, Complete | | 14 | 56424 | Clamp, Rubber Cushioned | 6 |
| Asia and South America: | | | | 15 | 6091 | Nylock Nut, 1/4 -20 | |
| — | 107785 | 6 Foot Platform Assembly | | 16 | Ref. | Platform Support (refer to 601.1) | |
| — | 107786 | 8 Foot Platform Assembly | | 17 | 73710 | Foot Switch Assembly | 1 |
| 1 | 107771 | 6 Foot Platform Rail Assembly with Word Decals (USA and Canada) | 1 | — | 13482 | Foot Switch | |
| — | 107772 | 8 Foot Platform Rail Assembly with Word Decals (USA and Canada) | | — | 73713 | Terminal Pin, 16-18 gauge | |
| 1 | 107773 | 6 Foot Platform Rail Assembly with Symbol Decals (Europe) | 1 | — | 73725 | Terminal Boot | |
| — | 107774 | 8 Foot Platform Rail Assembly with Symbol Decals (Europe) | | 18 | 73931 | Foot Switch Cover with Decal (USA, Canada, Australia) | 1 |
| 1 | 107775 | 6 Foot Platform Rail Assembly with Word Decals (Australia) | 1 | — | 63766 | Foot Switch Cover (Europe, Asia, South America) | |
| — | 107776 | 8 Foot Platform Rail Assembly with Word Decals (Australia) | | 19 | 73610 | Platform Entry Step | 1 |
| 1 | 107777 | 6 Foot Platform Rail Assembly with Symbol Decals (Asia and South America) | 1 | 20 | 44743 | Manual Storage Box with Decal (USA, Canada, Australia) | 1 |
| — | 107778 | 8 Foot Platform Rail Assembly with Symbol Decals (Asia and South America) | | — | 24514 | Manual Storage Box (Europe, Asia, South America) | |
| 2 | Ref. | Platform Control Box (refer to 603.1 or 604.1) | | This list continues on the next page. | | | |
| 3 | 60476 | Tool Holder | 1 | | | | |
| 4 | 10775 | Junction Box | 1 | | | | |
| 5 | 13585 | GFCI Outlet, 110V AC | 1 | | | | |

| Figure | Rev | Description |
|--------|-----|-------------------------|
| 602.1 | B | Platform Configurations |



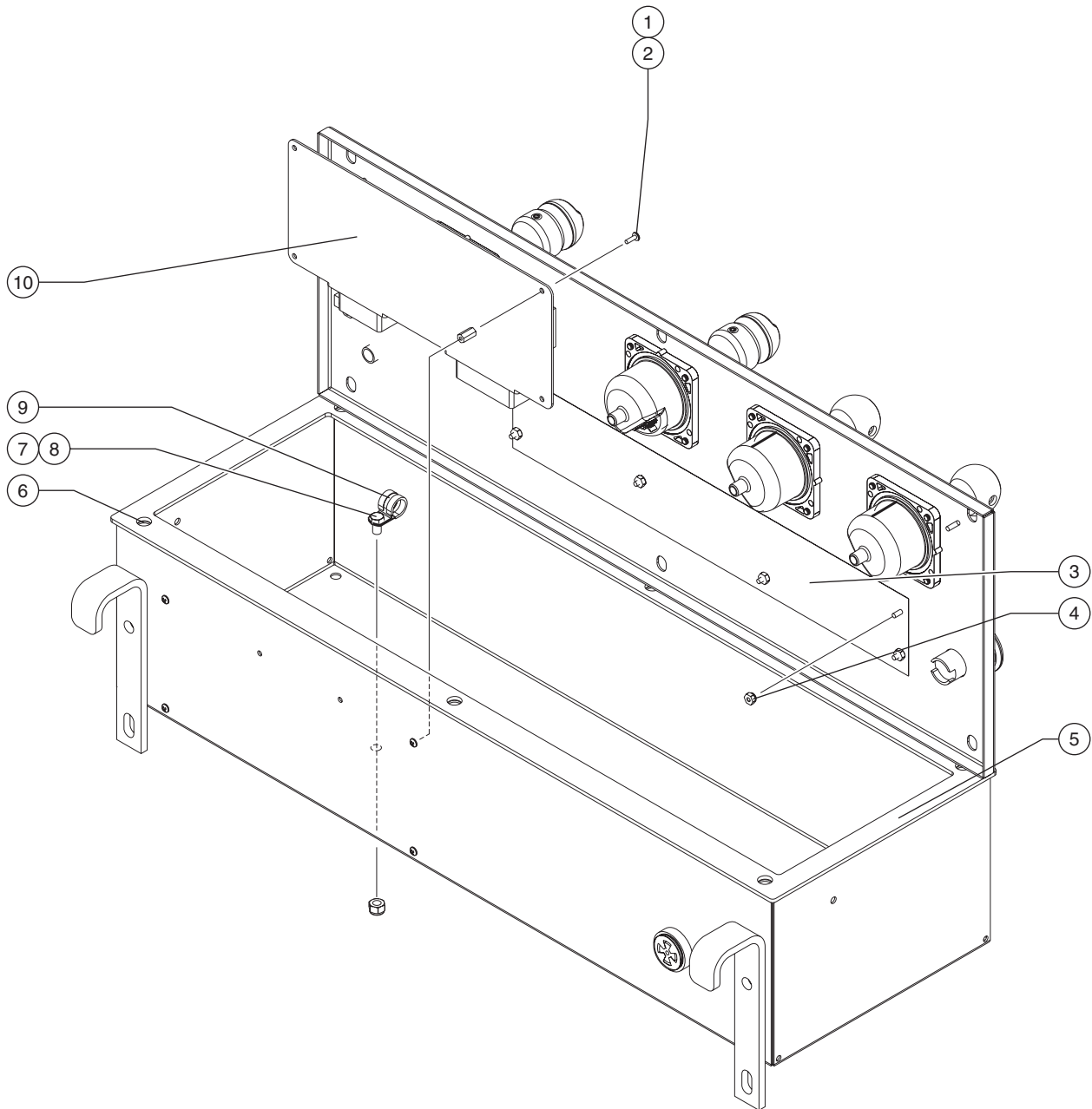
| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 21 | 12448P | Mid-rail Assembly | 1 |
| 22 | 107796 | Manual Storage Box Plate with Decals | 1 |
| 23 | 73477P | 6 Foot Platform Flooring | 1 |
| — | 73478P | 8 Foot Platform Flooring | |
| 24 | 6090 | Screw - HHC, 1/4 -20 x 0.75 inch, GR 5 | |
| 25 | 56912 | Spring Clip, 1/4 -20 | |
| 26 | 8915 | Screw - HHC, 1/4 -20 x 1.25 inches, GR 5 | |
| 27 | 6097 | Flat Washer, 3/8 inch | |
| 28 | 4828 | Nylock Nut, 3/8 -16 | |
| 29 | 107860 | Control Box Spacer | 2 |
| 30 | 74052 | Gasket | 1 |

| Figure | Rev | Description |
|--------|-----|------------------------------|
| 603.1 | B | Platform Control Box, View 1 |



| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| 1 | 101173 | Joystick, Dual Axis with Rocker Switch (primary up/down, extend/retract and turntable rotate or jib up/down, extend/retract and platform rotate) | 2 |
| 2 | 8914 | Screw - HHC, 1/4 -20 x 0.625 inch, GR 5 | |
| 3 | 6356 | Lock Washer, 1/4 inch | |
| 4 | 6638 | Flat Washer, 1/4 inch | |
| 5 | 107798 | Platform Lid with Membrane Decal | 1 |
| — | 106509 | Membrane Decal | |
| 6 | 101175 | Joystick, Single Axis (secondary boom functions) | 1 |
| 7 | 101174 | Joystick, Dual Axis (drive/steer) ... | 1 |
| — | 101005 | Joystick, Single Axis with Rocker Switch (drive/steer) | |
| 8 | 66812 | Push Button - Red Mushroom Head | 1 |
| — | 66817 | Base, with N.C. contact | |
| — | 29732 | N.C. contact | |
| 9 | 62379 | Tilt Alarm, 80-95 dB | 1 |
| — | 72326 | Plastic Nut | |
| 10 | 106513 | Platform Control Box, Complete | |
| 11 | 81551 | Screw - PHPM, 6-32 x 0.25 inch | |
| 12 | 62385 | Self Tapping Screw - PHM, M5 x 0.08 x 10 mm | |
| 13 | 45384 | Nylon Plug, 0.5 inch | 2 |
| 14 | 13037 | Toggle Switch - SPDT, 3 position, momentary (includes mounting hardware) | 1 |

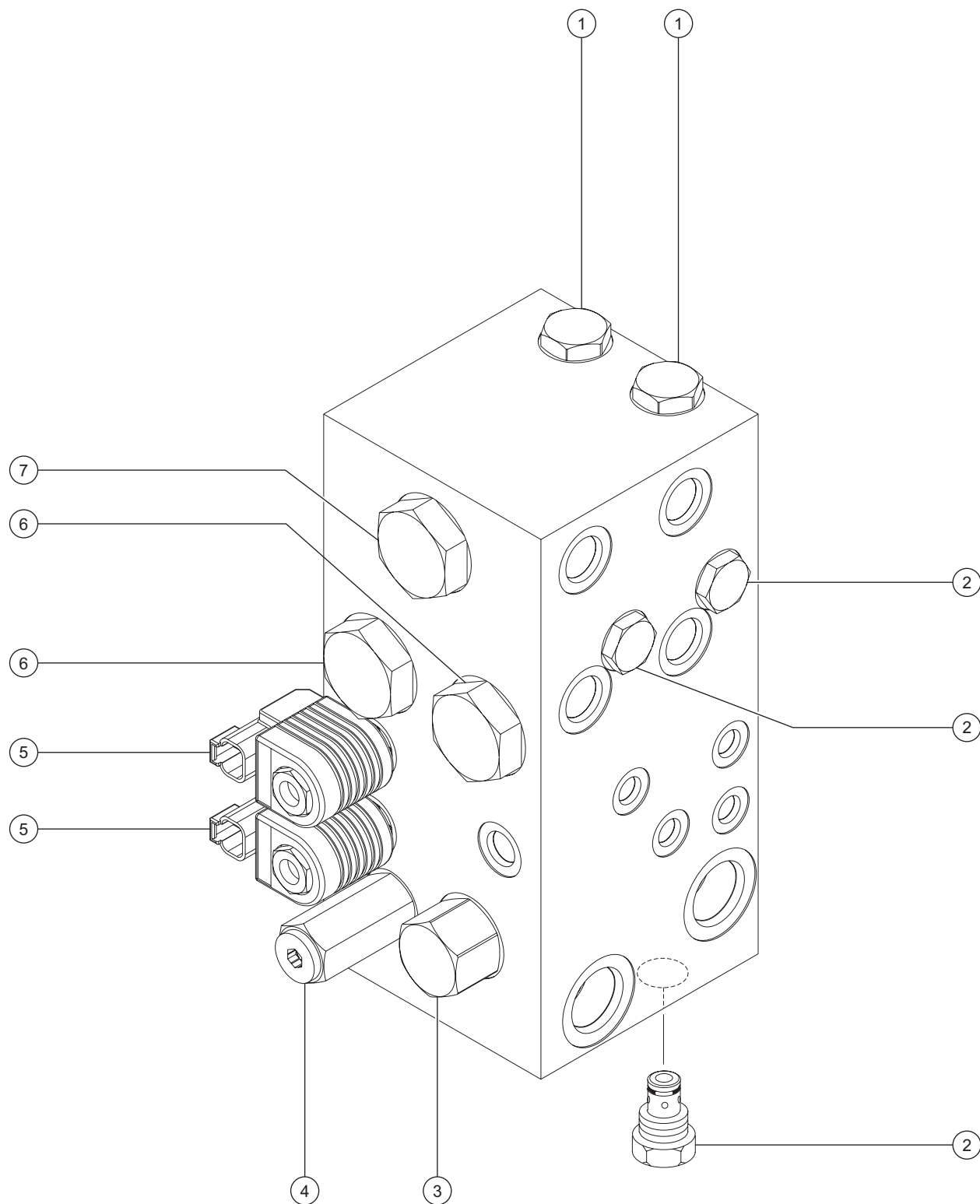
| Figure | Rev | Description |
|--------|-----|------------------------------|
| 604.1 | A | Platform Control Box, View 2 |



604.1
Platform Control Box, View 2 Rev A

| item | Part No. | Description | Qty. |
|------|----------|--|------|
| — | 94966 | Platform Control Box Harness, PCON | |
| 1 | 81551 | Screw - PHPM, 6-32 x 0.25 inch | |
| 2 | 30969 | Standoff, 6-32 x 0.5 inch | |
| 3 | 62399 | PCB Assembly | 1 |
| 4 | 62389 | Hex Nut, 6-32 with star washer | |
| 5 | 81488 | Gasket | 1 |
| 6 | 23404 | Nutsert, 1/4 -20 | |
| 7 | 6833 | Screw - HHC, 1/4 -20 x 0.375 inch, GR 5 | |
| 8 | 6091 | Nylock Nut, 1/4 -20 | |
| 9 | 6833 | Clamp, 1/2 inch | 2 |
| 10 | 101003 | PCB Assembly, PCON | 1 |

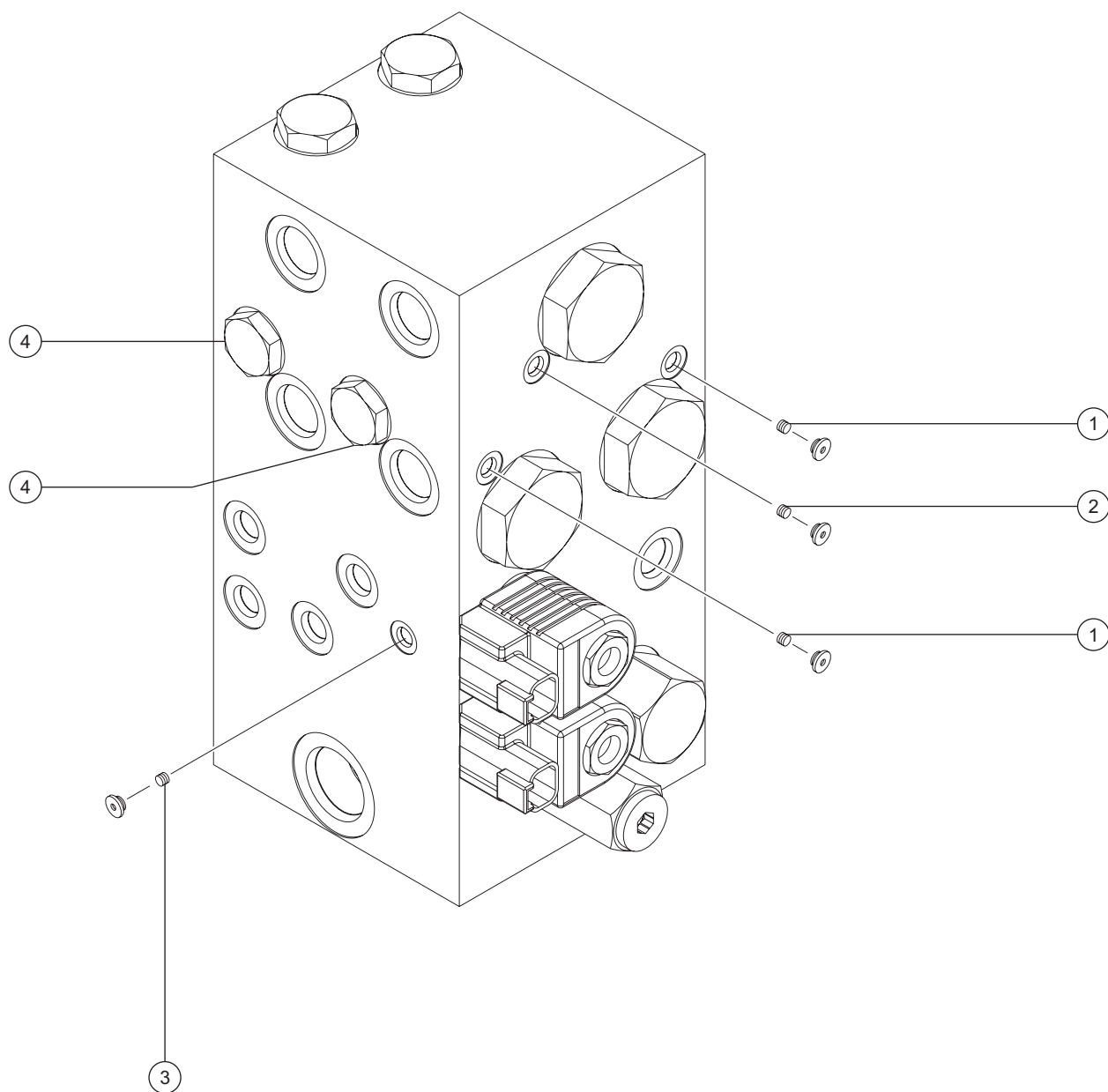
| Figure | Rev | Description |
|--------|-----|---------------------------|
| 701.1 | C | Traction Manifold, View 1 |



701.1
Traction Manifold, View 1 Rev C

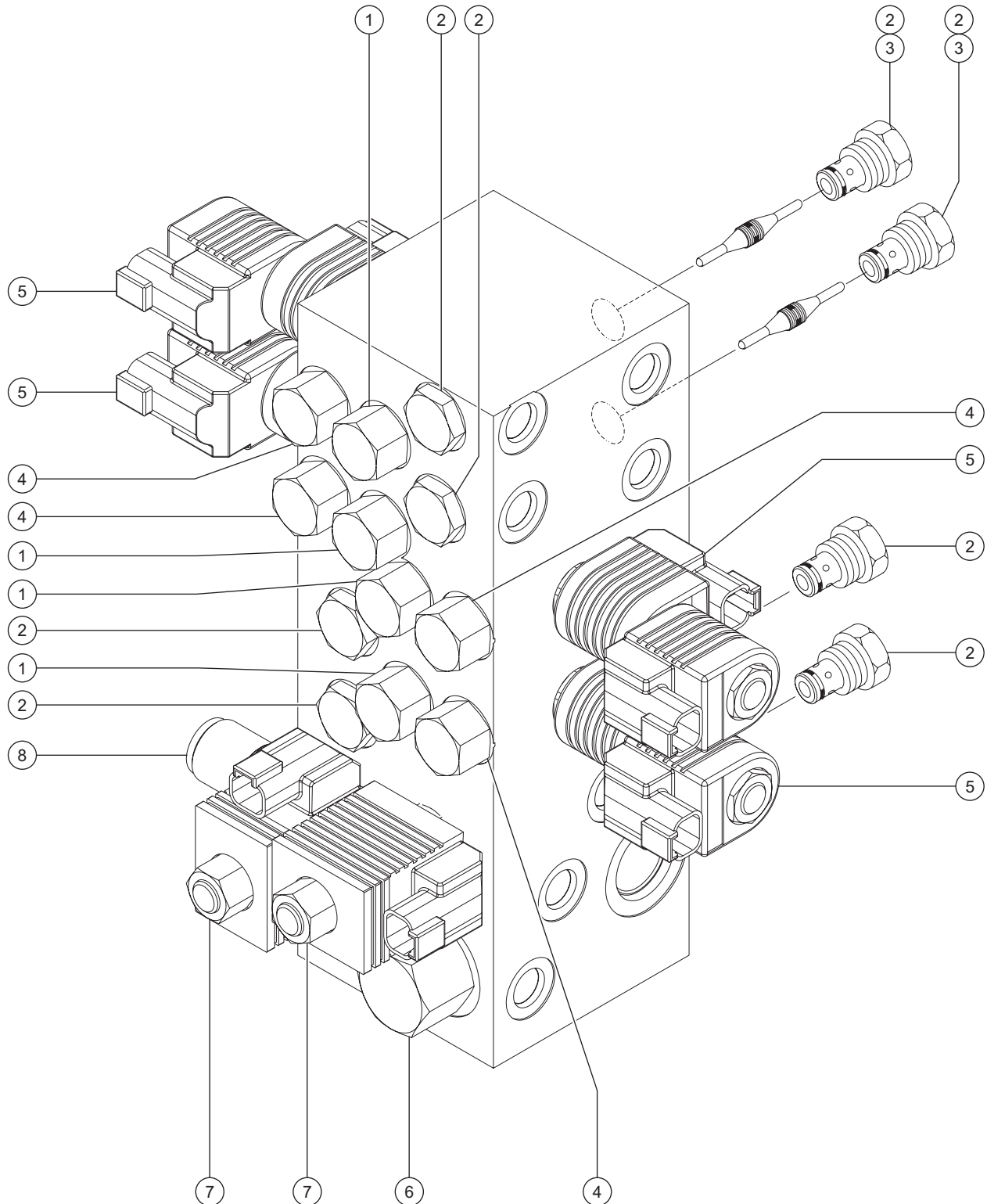
| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| — | 94942 | Traction Manifold - Complete (before serial number 180) | |
| — | 107724 | Traction Manifold - Complete (after serial number 179) | |
| 1 | 27836 | Check Valve, 5 psi / 0.3 bar | 2 |
| 2 | 69873 | Check Valve, 5 psi / 0.3 bar | 3 |
| 3 | 27761 | Shuttle Valve | 1 |
| 4 | 31406 | Relief Valve, 250 psi / 17.2 bar | 1 |
| 5 | 77493 | Solenoid Valve, 2 position 3 way | 2 |
| 6 | 107729 | Flow Divider/Combiner Valve | 2 |
| 7 | 107730 | Flow Divider/Combiner Valve (before serial number 180) | 1 |
| — | 110478 | Flow Divider/Combiner Valve (after serial number 179) | 1 |

| Figure | Rev | Description |
|--------|-----|---------------------------|
| 702.1 | B | Traction Manifold, View 2 |



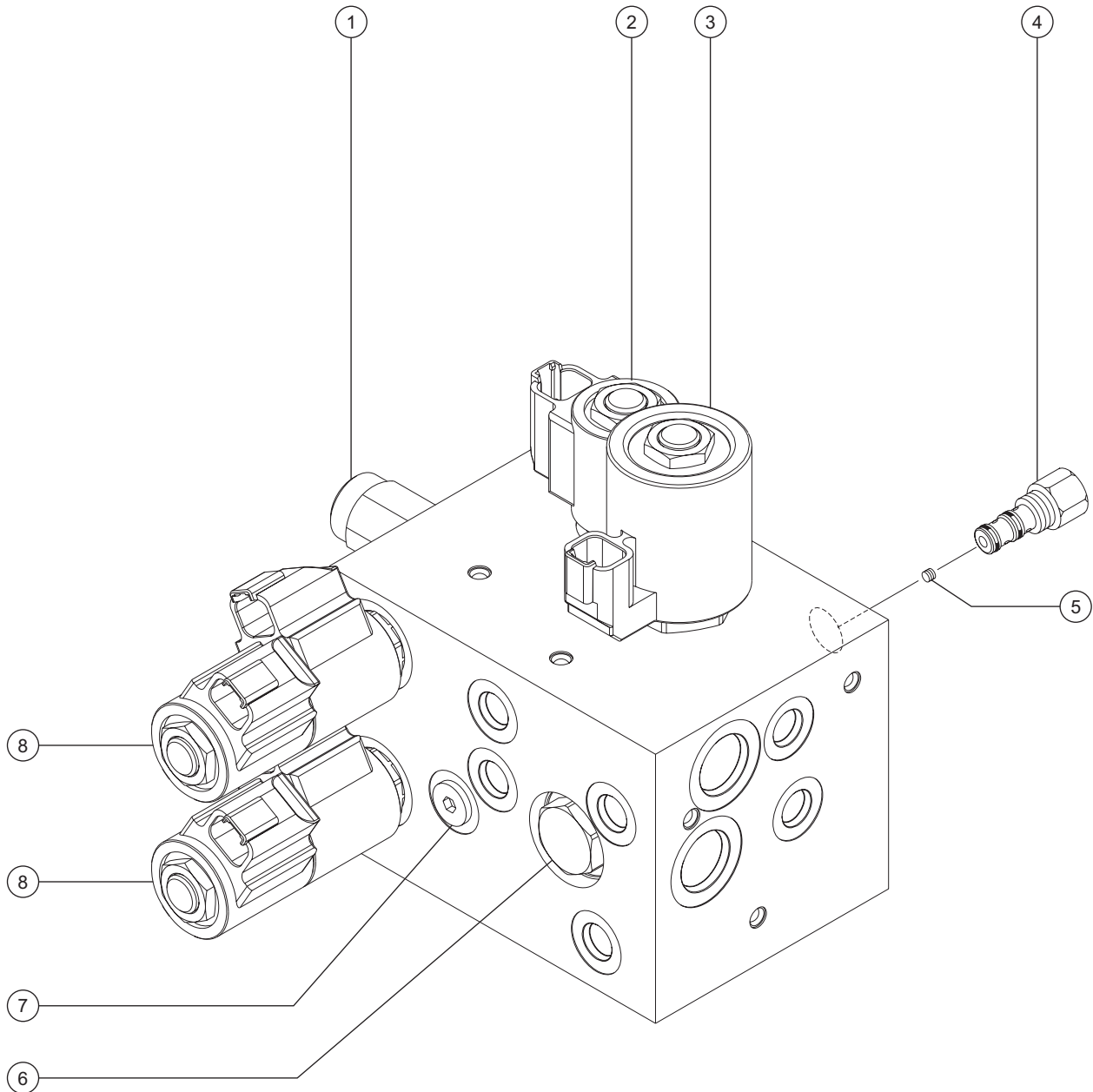
| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| — | 94942 | Traction Manifold - Complete (before serial number 180) | |
| — | 107724 | Traction Manifold - Complete (after serial number 179) | |
| 1 | 107732 | Orifice Plug, 0.063 inch / 1.6 mm | 2 |
| 2 | 107800 | Orifice Plug, 0.052 inch / 1.32 mm | 1 |
| 3 | 77162 | Orifice Plug, 0.031 inch / 0.78 mm | 1 |
| 4 | 69873 | Check Valve, 5 psi / 0.3 bar | 2 |

| Figure | Rev | Description |
|--------|-----|---------------------|
| 703.1 | A | Steer/Axle Manifold |



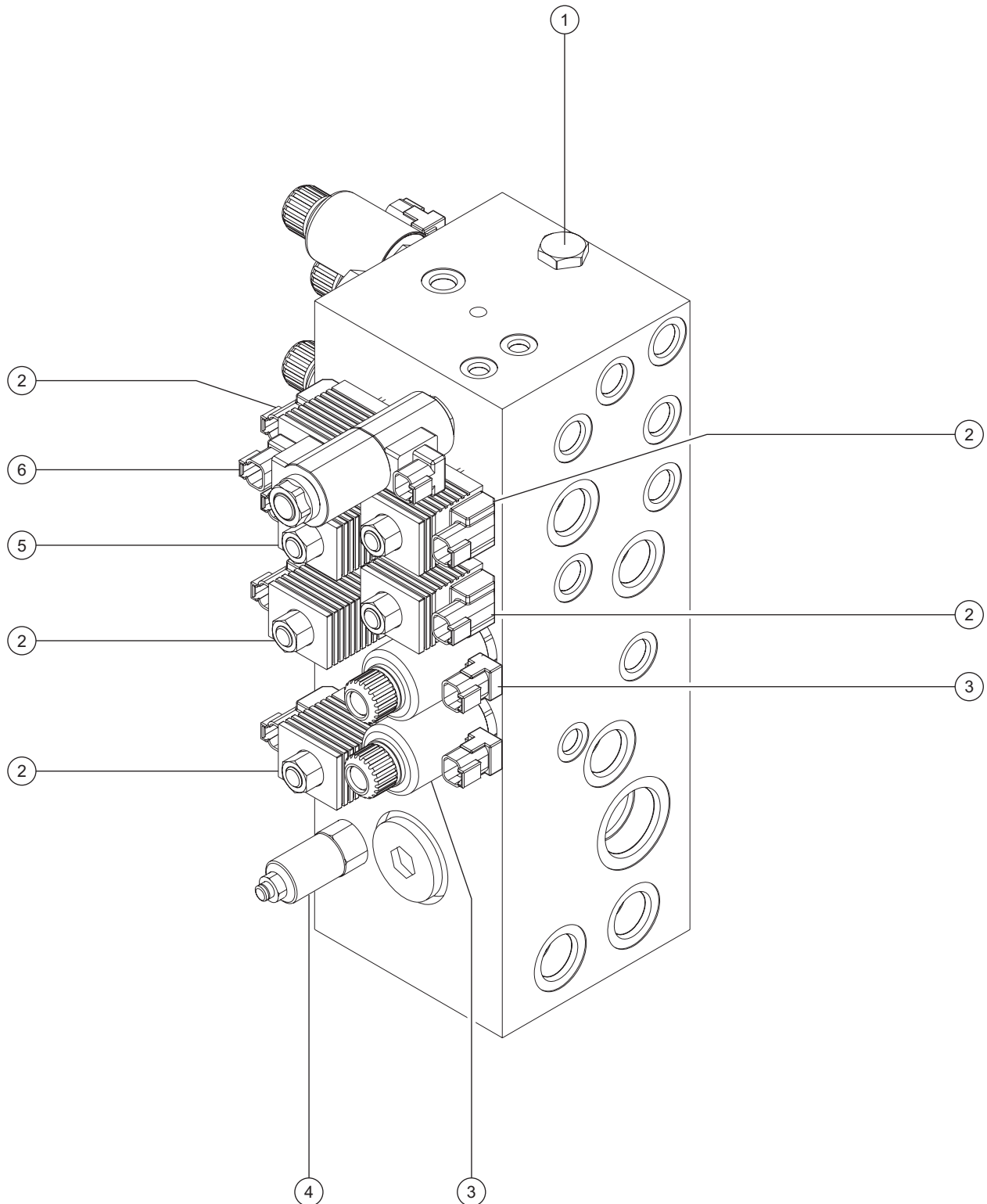
| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| — | 94943 | Steer/Axle Manifold - Complete | |
| 1 | 107731 | Flow Control Valve, 1.5 gpm / 5.7 L/min | 4 |
| 2 | 77490 | Check Valve, 5 psi / 0.3 bar | 8 |
| 3 | 107733 | Piston | 4 |
| 4 | 107734 | Flow Control Valve, 2.1 gpm / 7.9 L/min | 4 |
| 5 | 77492 | Solenoid Valve, 3 position 4 way | 4 |
| 6 | 107735 | Flow Control Valve, 7.0 gpm / 24.5 L/min | 1 |
| 7 | 89853 | Solenoid Valve, 2 position 3 way | 2 |
| 8 | 107737 | Pressure Reducing Valve, 2400 pisi/165 bar | 1 |

| Figure | Rev | Description |
|--------|-----|--------------|
| 704.1 | B | Jib Manifold |



| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| — | 94580 | Jib Manifold - Complete | |
| 1 | 107738 | Differential Sensing Valve | 1 |
| 2 | 62815 | Solenoid Valve, 2 position 3 way | 1 |
| — | 104759 | Coil with Diode | |
| — | 44174 | Nut | |
| — | 52371 | Seal Kit | |
| 3 | 107739 | Directional Valve, 2 position 3 way | 1 |
| — | 104760 | Coil with Diode | |
| — | 44174 | Nut | |
| — | 44229 | Seal Kit | |
| 4 | 94618 | Flow Control Valve, 0.4 gpm / 1.5L/min | 1 |
| 5 | 46288 | Orifice Disc, 0.40 / 1mm | 1 |
| 6 | 107740 | Check Valve, 25 psi / 1.7 bar | 1 |
| 7 | 44216 | Shuttle Valve | 1 |
| — | 44235 | Seal Kit | |
| 8 | 107788 | Proportional Valve, 3 position 4 way | 2 |
| — | 107768 | Coil without Diode | |
| — | 107769 | Spacer | |
| — | 44174 | Nut | |
| — | 44229 | Seal Kit | |

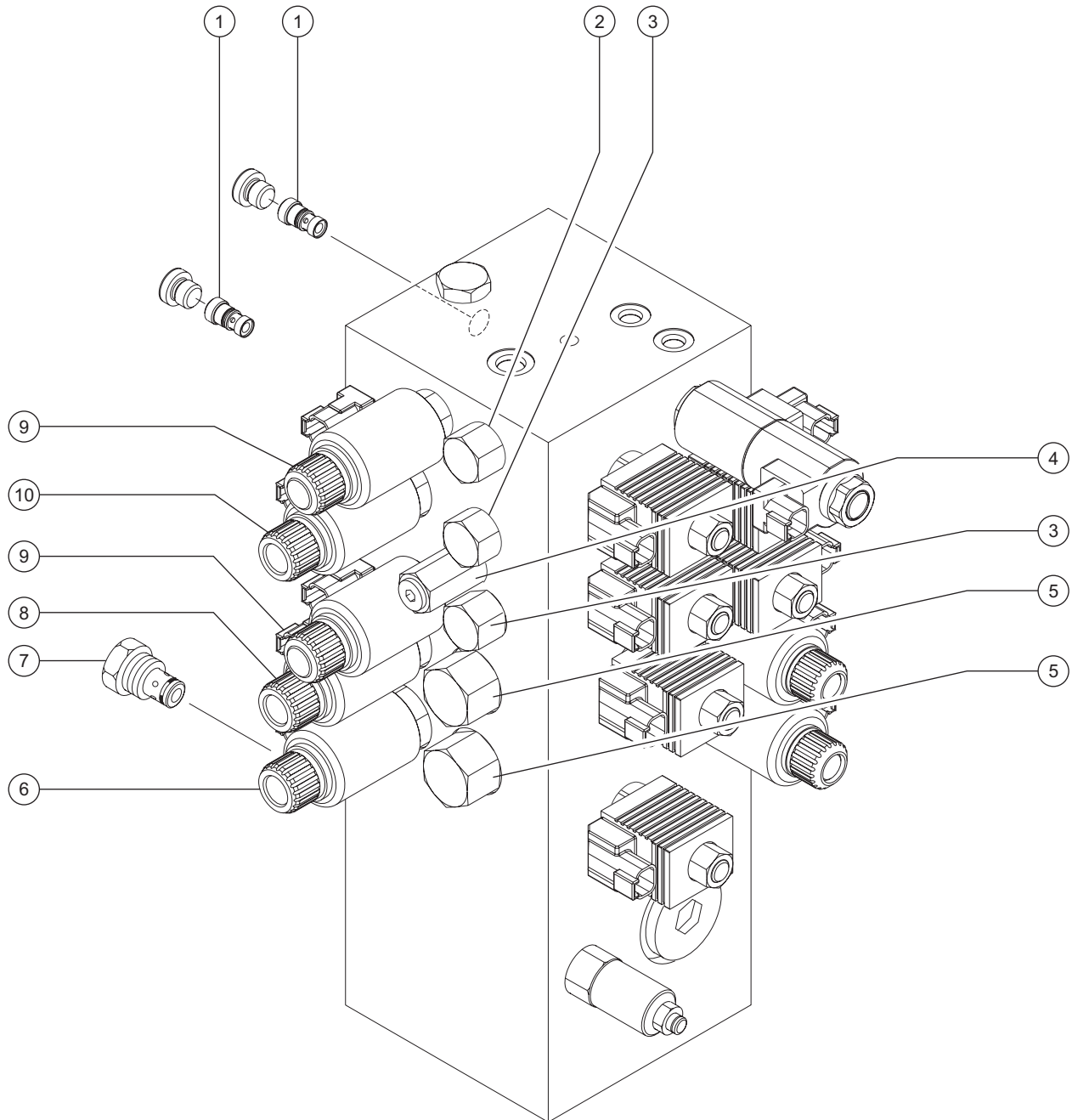
| Figure | Rev | Description |
|--------|-----|---------------------------|
| 705.1 | C | Function Manifold, View 1 |



705.1
Function Manifold, View 1 Rev C

| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| — | 101437 | Function Manifold - Complete | |
| 1 | 27836 | Check Valve, 5 psi / 0.3 bar | 1 |
| 2 | 107736 | Solenoid Valve, 2 position 3 way | 5 |
| — | 62275 | Coil, 10V Deutsch | |
| — | 45912 | Nut, Coil | |
| 3 | 107743 | Solenoid Valve, 2 position 3 way | 2 |
| — | 119113 | Coil, 12V Deutsch | |
| — | 45921 | Nut, Coil | |
| 4 | 107744 | Relief Valve, 3100 PSI / 214 bar (before serial number 257) | 1 |
| — | 110343 | Relief Valve, 3100 psi / 214 bar (after serial number 256) | |
| 5 | 107745 | Solenoid Valve, 2 position 3 way | 1 |
| — | 119112 | Coil, 12V Deutsch | |
| — | 119116 | Nut, Coil | |
| 6 | 107746 | Solenoid Valve, 3 position 4 way | 1 |
| — | 119112 | Coil, 12V Deutsch | |
| — | 119115 | Nut, Coil | |

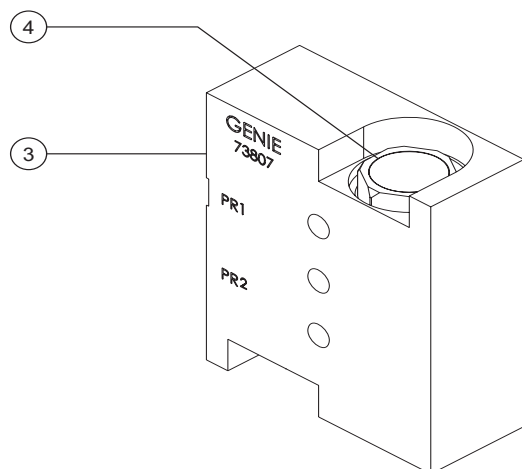
| Figure | Rev | Description |
|--------|-----|---------------------------|
| 706.1 | C | Function Manifold, View 2 |



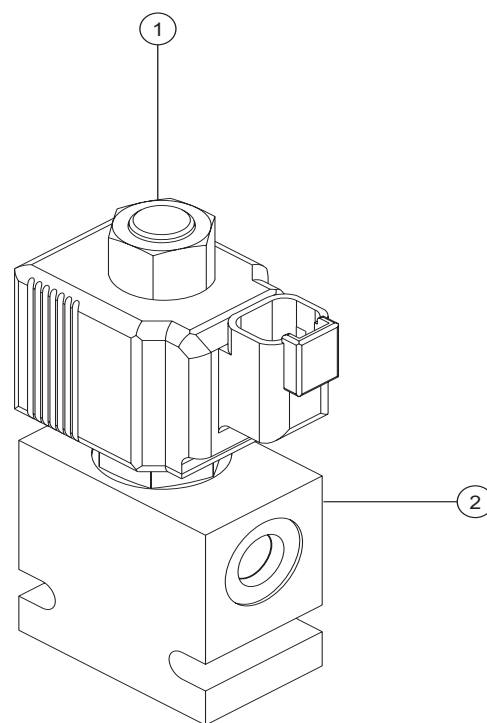
706.1
Function Manifold, View 2 Rev C

| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| — | 101437 | Function Manifold | |
| 1 | 107747 | Check Valve, 5 psi / 0.3 bar | 2 |
| 2 | 107748 | Differential Sensing Valve, 310 psi / 21.4 bar | 1 |
| 3 | 27802 | Differential Sensing Valve, 150 psi / 10.3 bar | 2 |
| 4 | 107749 | Relief Valve, 2600 psi / 179 bar ... | 1 |
| 5 | 32741 | Differential Sensing Valve, 150 psi / 10.3 bar | 2 |
| 6 | 107750 | Proportional Valve | 1 |
| — | 58303 | Coil, 12V Deutsch | |
| — | 45921 | Nut, Coil | |
| 7 | 107751 | Check Valve, 5 psi / 0.3 bar | 1 |
| 8 | 107752 | Proportional Valve | 1 |
| — | 58303 | Coil, 12V Deutsch | |
| — | 45921 | Nut, Coil | |
| 9 | 107753 | Proportional Valve | 2 |
| — | 58303 | Coil, 12V Deutsch | |
| — | 45921 | Nut, Coil | |
| 10 | 107754 | Proportional Valve | 1 |
| — | 58303 | Coil, 12V Deutsch | |
| — | 45921 | Nut, Coil | |

| Figure | Rev | Description |
|--------|-----|---|
| 707.1 | A | Function Enable Valve and Platform Rotator Manifold |



Platform Rotator Manifold



Function Enable Valve

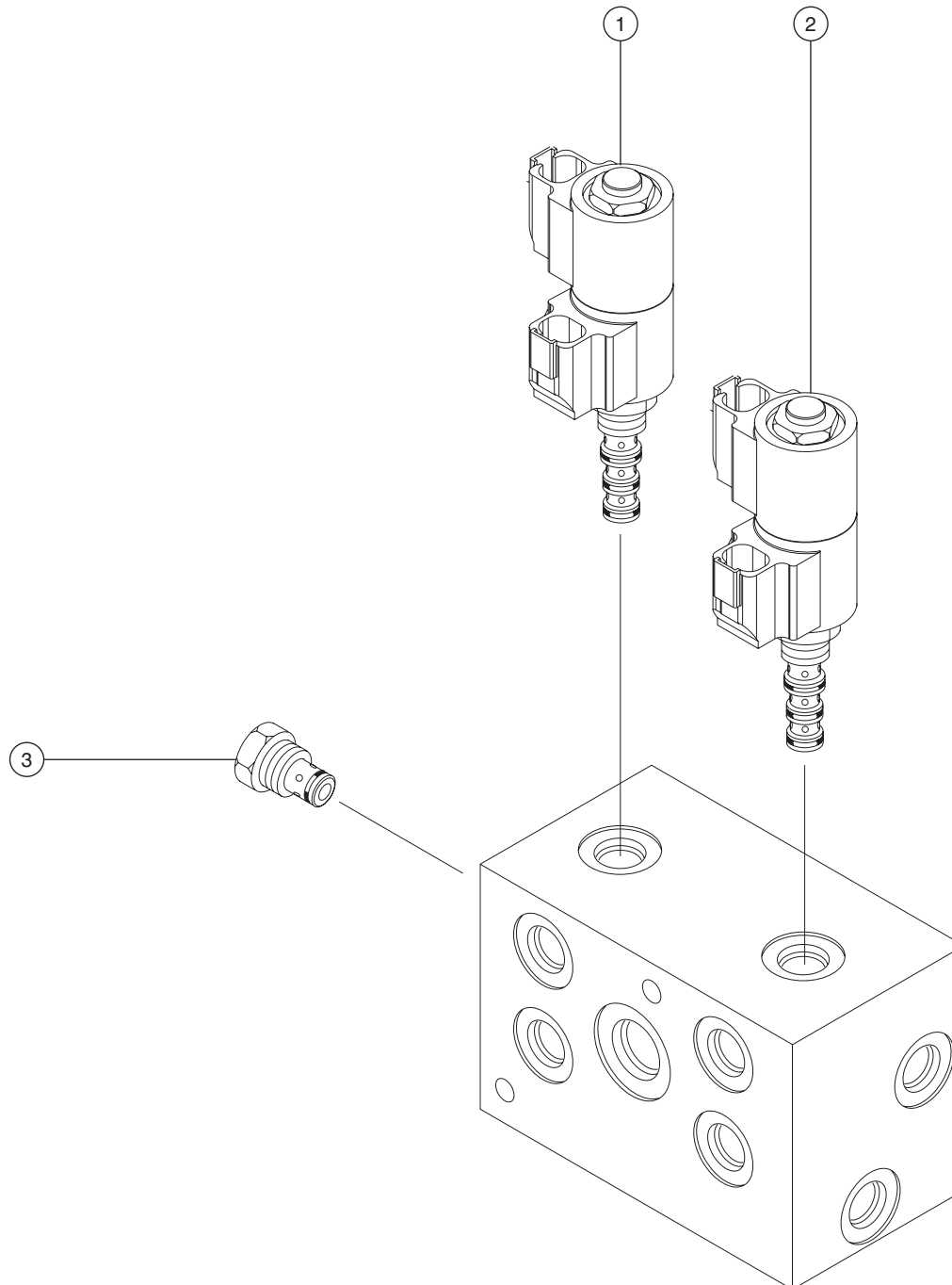
Function Enable Valve and Platform Rotator Manifold

707.1

Rev A

| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| 1 | 107742 | Solenoid Valve, 2 position 2 way | 1 |
| 2 | 106454 | Function Enable Valve Assembly (includes item 1) | 1 |
| 3 | 73807 | Platform Rotate Counterbalance Manifold (includes item 4) | 1 |
| — | 62507 | O-ring | |
| 4 | 62506 | Counterbalance Valve, 3300 psi / 227.5 bar | 2 |
| — | 43018 | Seal Kit | |

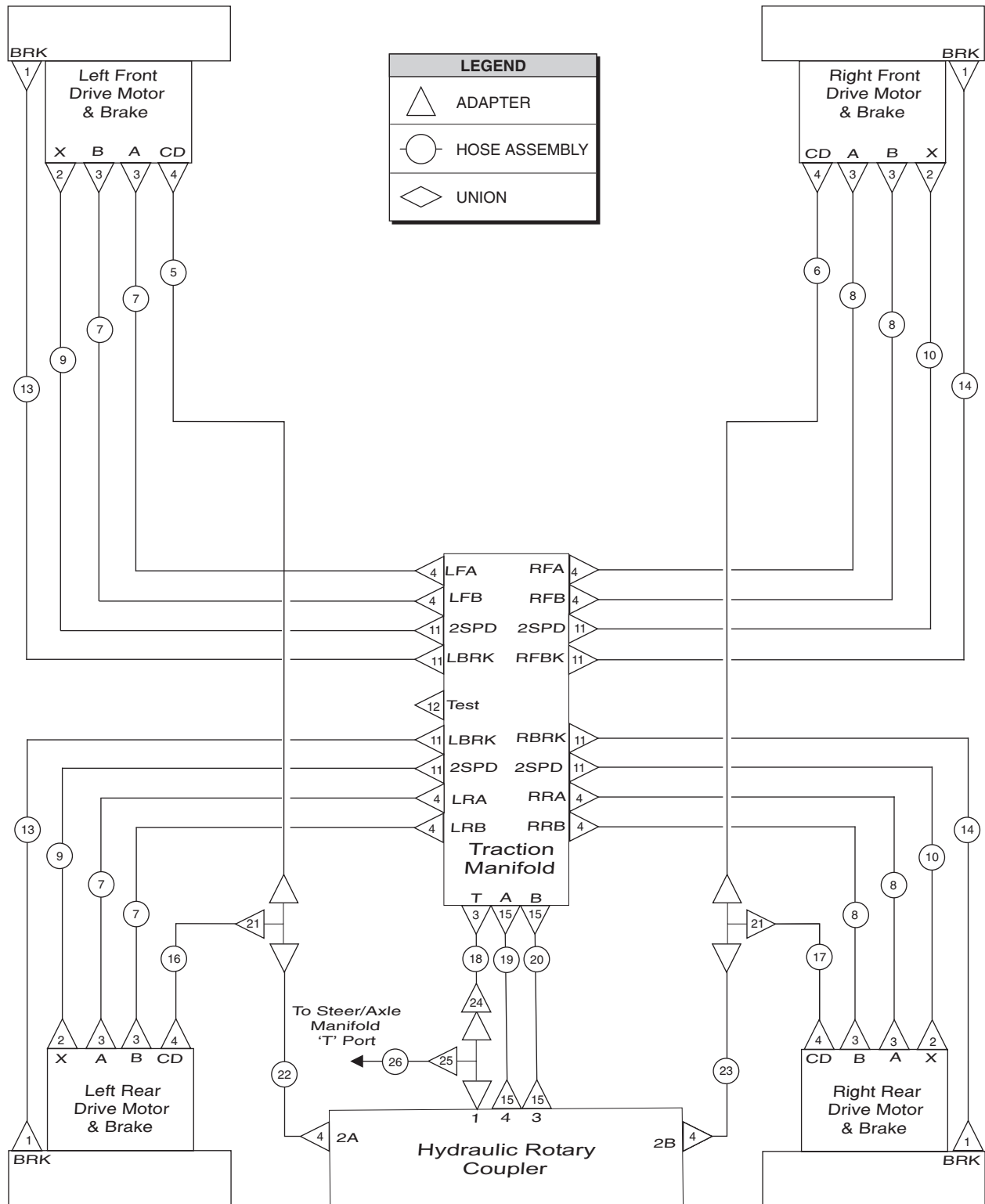
| Figure | Rev | Description |
|--------|-----|-------------------|
| 708.1 | A | Platform Manifold |



708.1
Platform Manifold Rev A

| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| — | 101546 | Platform Manifold - Complete | |
| 1 | 39346 | Solenoid Valve, 3 position 4 way | 1 |
| — | 104759 | Coil with Diode | |
| — | 107769 | Spacer | |
| — | 44174 | Nut | |
| — | 44229 | Seal Kit | |
| 2 | 107816 | Proportional Valve, 3 position 4 way | 1 |
| — | 107768 | Coil without Diode | |
| — | 107769 | Spacer | |
| — | 44174 | Nut | |
| — | 44229 | Seal Kit | |
| 3 | 107741 | Flow Regulator Valve | 1 |

Figure 709.1 **Rev** A **Description** Hydraulic Hoses and Fittings, Drive System

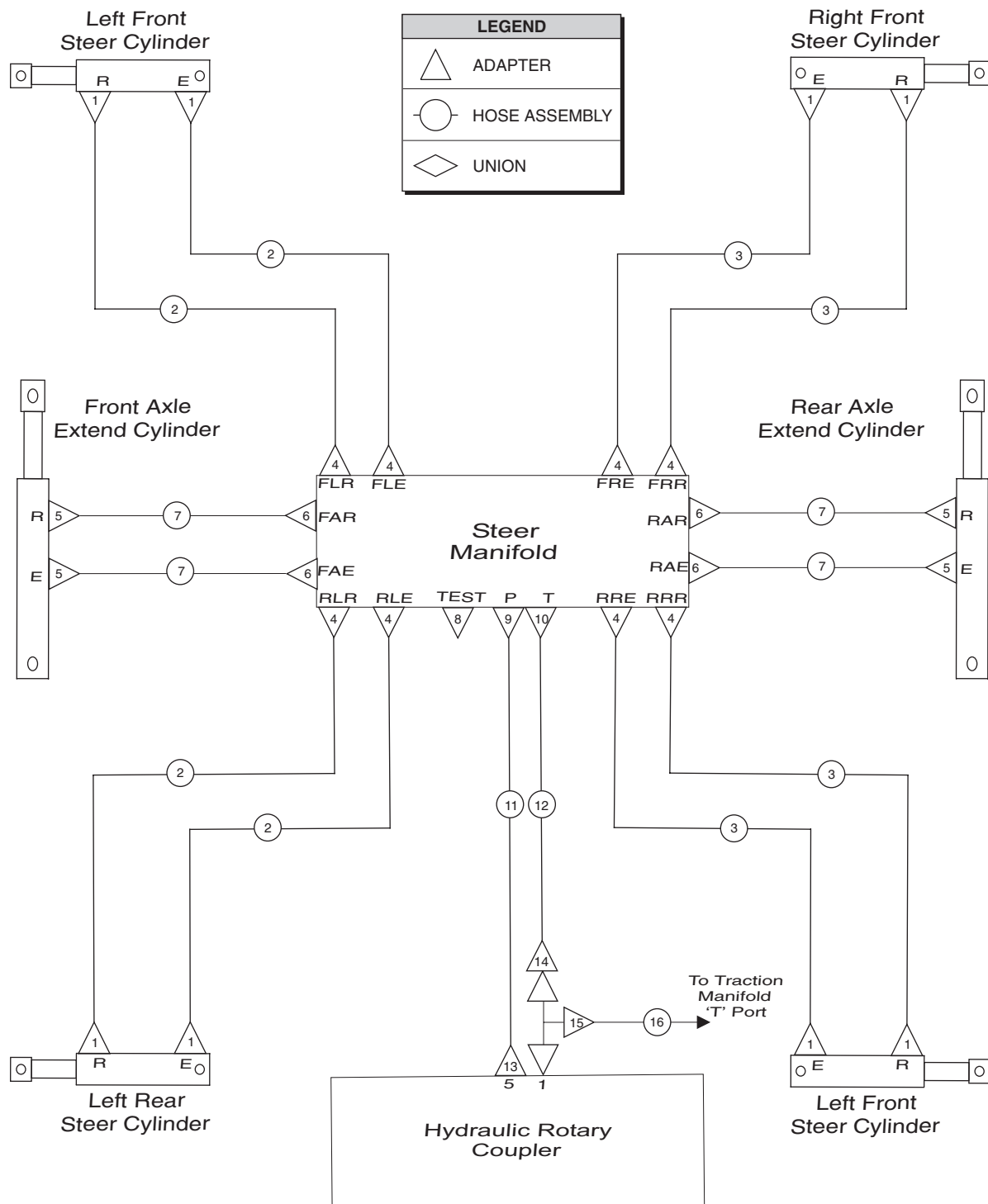


709.1
Hydraulic Hoses and Fittings, Drive System Rev A

| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|-------------|---|------|------|-------------|--|------|
| 1 | 48912 | Fitting | 4 | 16 | 73772-13292 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 48757 @ 131 inches | 1 |
| 2 | 48911 | Fitting | 4 | 17 | 73772-12592 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 48757 @ 124 inches | 1 |
| 3 | 48948 | Fitting | 9 | 18 | 94464-3586 | Hose Assembly - Components: Genie part numbers 48808, 77703 and 39888 @ 34 inches | 1 |
| 4 | 48933 | Fitting | 14 | 19 | 89871-2798 | Hose Assembly - Components: Genie part numbers 48841, 48841 and 94358 @ 25.5 inches | 1 |
| 5 | 73772-12092 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 48757 @ 119 inches | 1 | 20 | 89871-3198 | Hose Assembly - Components: Genie part numbers 48841, 48841 and 94358 @ 29.5 inches | 1 |
| 6 | 73772-13792 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 48757 @ 136 inches | 1 | 21 | 48940 | Fitting | 2 |
| 7 | 81812-12292 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 56777 @ 121 inches | 4 | 22 | 94465-4050 | Hose Assembly - Components: Genie part numbers 48808, 48808 and 39888 @ 39 inches | 1 |
| 8 | 81812-16692 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 56777 @ 165 inches | 4 | 23 | 94465-3650 | Hose Assembly - Components: Genie part numbers 48808, 48808 and 39888 @ 35 inches | 1 |
| 9 | 49119-12978 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 128 inches | 2 | 24 | 51580 | Fitting | 1 |
| 10 | 49119-17278 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 171 inches | 2 | 25 | 48961 | Fitting | 1 |
| 11 | 48905 | Fitting | 8 | 26 | 94466-3636 | Hose Assembly - Components: Genie part numbers 48809, 48809 and 39889 @ 33 inches | 1 |
| 12 | 48998 | Fitting | 1 | | | | |
| — | 48880 | Dust Cap | | | | | |
| 13 | 49116-12537 | Hose Assembly - Components: Genie part numbers 48800, 48801 and 48751 @ 123 inches | 2 | | | | |
| 14 | 49116-16637 | Hose Assembly - Components: Genie part numbers 48800, 48801 and 48751 @ 164 inches | 1 | | | | |
| 15 | 48963 | Fitting | 4 | | | | |

The length listed in the component description is the length of the hose only. Refer to 715.1 to cross-reference Genie part numbers to Parker part numbers.

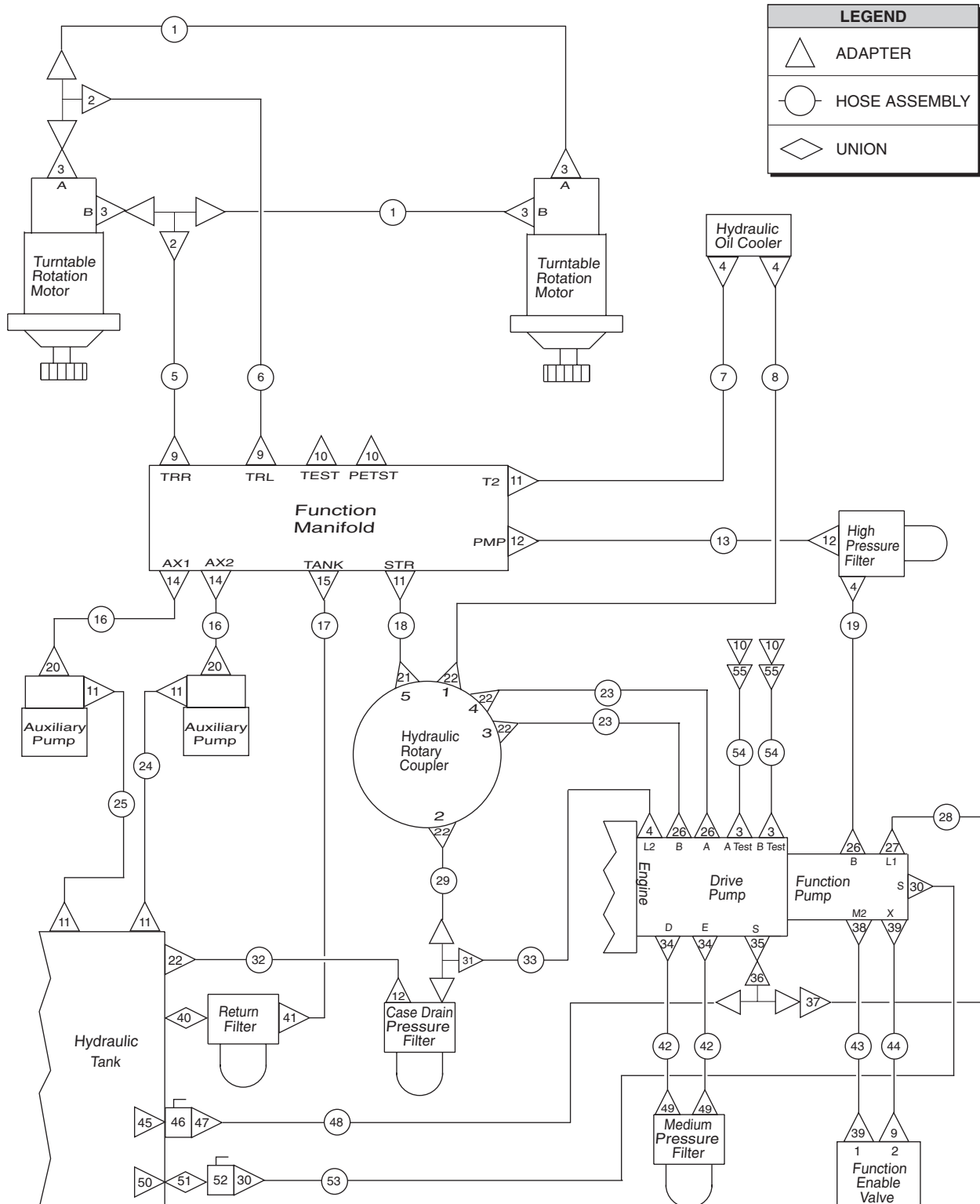
Figure 710.1 **Rev** B **Description** Hydraulic Hoses and Fittings, Steering System



| Item | Part No. | Description | Qty. |
|------|-------------|---|------|
| 1 | 48911 | Fitting | 8 |
| 2 | 49119-13778 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 136 inches | 4 |
| 3 | 49119-9178 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 90 inches (before serial number 109) | 4 |
| — | 49119-8778 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 80 inches (after serial number 108) | |
| 4 | 48905 | Fitting | 8 |
| 5 | 48920 | Fitting | 4 |
| 6 | 48916 | Fitting | 4 |
| 7 | 49130-4682 | Hose Assembly - Components: Genie part numbers 48812, 48812 and 48753 @ 45 inches | 4 |
| 8 | 48998 | Fitting | 1 |
| — | 48880 | Dust Cap | |
| 9 | 48948 | Fitting | 1 |
| 10 | 48960 | Fitting | 1 |
| 11 | 49183-4292 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 48756 @ 41 inches | 1 |
| 12 | 94466-3636 | Hose Assembly - Components: Genie part numbers 48809, 48809 and 39889 @ 33 inches | 1 |
| 13 | 48937 | Fitting | 1 |
| 14 | 51580 | Fitting | 1 |
| 15 | 48961 | Fitting | 1 |
| 16 | 94464-3586 | Hose Assembly - Components: Genie part numbers 48808, 77703 and 39888 @ 34 inches | 1 |

The length listed in the component description is the length of the hose only.
Refer to 715.1 to cross-reference Genie part numbers to Parker part numbers.

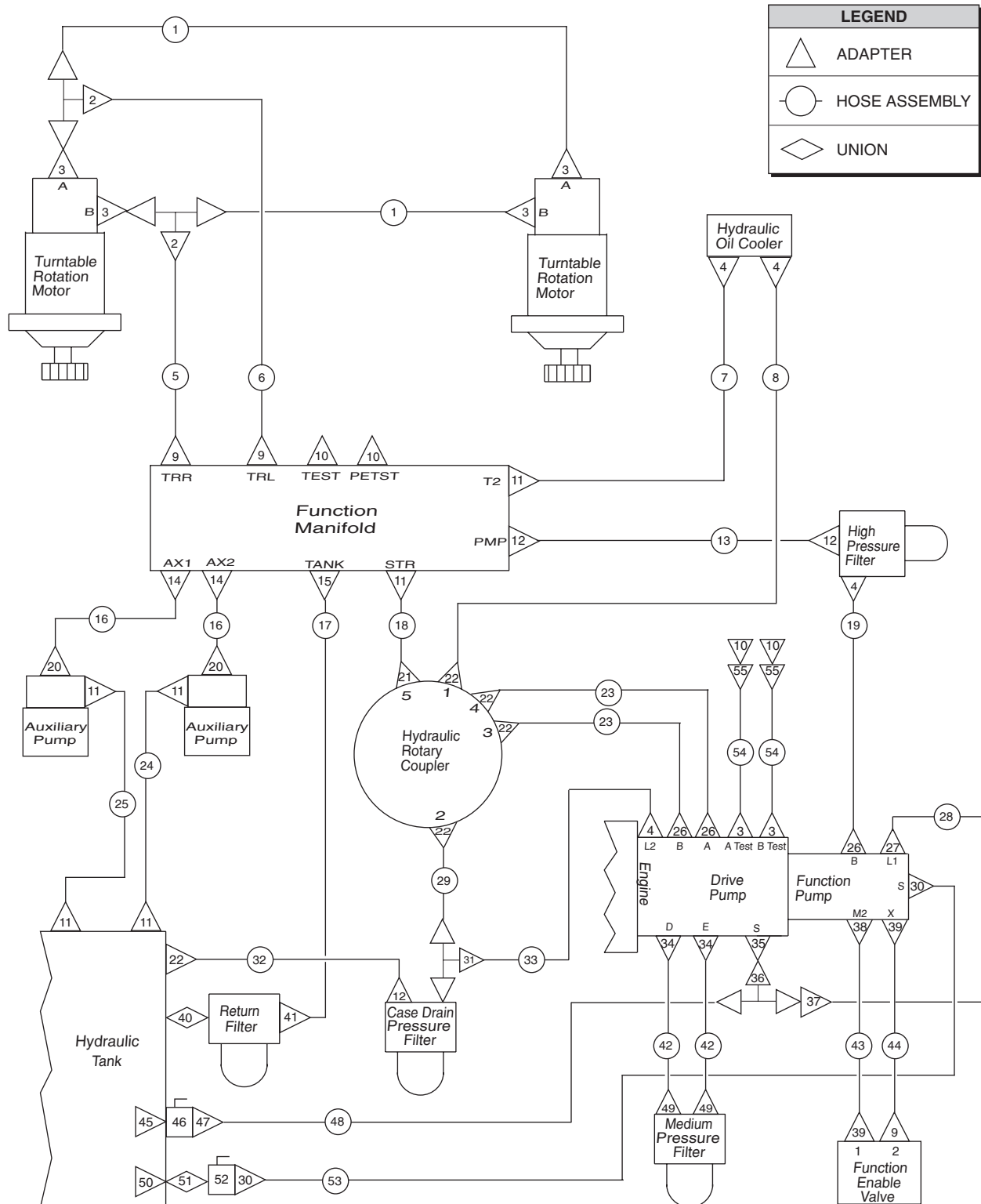
Figure 711.1
Rev A
Description Hydraulic Hoses and Fittings, Turntable Components



711.1
Hydraulic Hoses and Fittings, Turntable Components Rev A

| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|------------|--|------|---|-------------|---|------|
| 1 | 49119-2078 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 19 inches | 2 | 19 | 61073-15930 | Hose Assembly - Components: Genie part numbers 48841, 48846 and 48762 @ 156 inches | 1 |
| 2 | 48908 | Fitting | 2 | 20 | 48916 | Fitting | 2 |
| 3 | 48912 | Fitting | 4 | 21 | 48937 | Fitting | 1 |
| 4 | 48959 | Fitting | 4 | 22 | 48963 | Fitting | 5 |
| 5 | 49117-2641 | Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 24.5 inches | 1 | 23 | 94374-5930 | Hose Assembly - Components: Genie part numbers 48841, 48846 and 94358 @ 56 inches | 2 |
| 6 | 49117-2841 | Hose Assembly - Components: Genie part numbers 48800, 48802 and 48751 @ 26.5 inches | 1 | 24 | 73772-2192 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 48757 @ 20 inches | 1 |
| 7 | 49151-4048 | Hose Assembly - Components: Genie part numbers 48841, 48841 and 48761 @ 38 inches | 1 | 25 | 73772-1692 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 48757 @ 15 inches | 1 |
| 8 | 49151-9398 | Hose Assembly - Components: Genie part numbers 48841, 48841 and 48761 @ 91.5 inches | 1 | 26 | 48978 | Fitting | 3 |
| 9 | 48905 | Fitting | 3 | 27 | 48946 | Fitting | 1 |
| 10 | 48998 | Fitting | 4 | 28 | 49167-2229 | Hose Assembly - Components: Genie part numbers 48822, 48827 and 48757 @ 20 inches | 1 |
| — | 48880 | Dust Cap | | 29 | 49150-6730 | Hose Assembly - Components: Genie part numbers 48841, 48846 and 48761 @ 64 inches | 1 |
| 11 | 48933 | Fitting | 6 | 30 | 61083 | Fitting | 2 |
| 12 | 48960 | Fitting | 3 | 31 | 48961 | Fitting | 1 |
| 13 | 61073-3530 | Hose Assembly - Components: Genie part numbers 48841, 48846 and 48762 @ 32 inches | 1 | 32 | 49150-3930 | Hose Assembly - Components: Genie part numbers 48841, 48846 and 48761 @ 36 inches | 1 |
| 14 | 48927 | Fitting | 2 | 33 | 49150-17830 | Hose Assembly - Components: Genie part numbers 48841, 48846 and 48761 @ 175 inches | 1 |
| 15 | 88353 | Fitting | 1 | 34 | 56604 | Fitting | 2 |
| 16 | 49128-2409 | Hose Assembly - Components: Genie part numbers 48812, 48816 and 48753 @ 22 inches | 2 | 35 | 106382 | Fitting | 1 |
| 17 | 88441-4140 | Hose Assembly - Components: Genie part numbers 88477, 88477, 88474, 88474 and 88478 @ 38 inches | 1 | <p>This list continues on the next page.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>The length listed in the component description is the length of the hose only. Refer to 715.1 to cross-reference Genie part numbers to Parker part numbers.</p> </div> | | | |
| 18 | 49183-5092 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 48756 @ 49 inches | 1 | | | | |

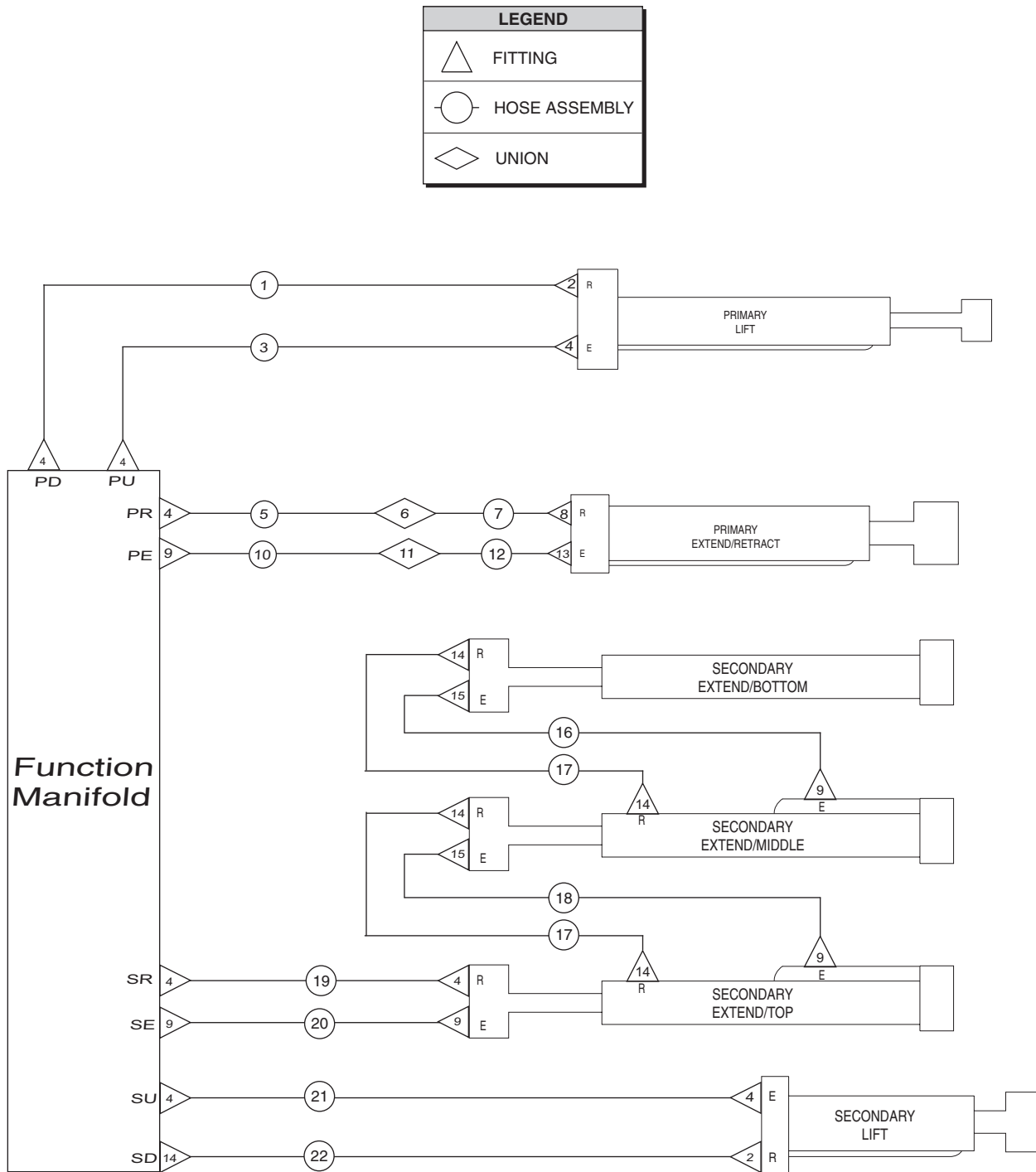
Figure 711.1
Rev B
Description Hydraulic Hoses and Fittings, Turntable Components



| Item | Part No. | Description | Qty. |
|------|--------------|--|------|
| 36 | 42787 | Fitting | 1 |
| 37 | 42788 | Fitting | 1 |
| 38 | 49418 | Fitting | 1 |
| 39 | 48904 | Fitting | 2 |
| 40 | 61263 | Fitting | 1 |
| 41 | 75654 | Fitting | 1 |
| 42 | 49141-2863 | Hose Assembly - Components: Genie part numbers 48822, 48826 and 48756 @ 26 inches | 2 |
| 43 | 49119-2378 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 22 inches | 1 |
| 44 | 49119-1678 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 15 inches | 1 |
| 45 | 75253 | Strainer Assembly | 1 |
| 46 | 48996 | Ball Valve | 1 |
| 47 | 48984 | Fitting | 1 |
| 48 | 88942-16554 | Hose Assembly - Components: Genie part numbers 88938, 88939, 88941, 88941 and 88940 @ 162 inches | 1 |
| 49 | 48932 | Fitting | 2 |
| 50 | 75257 | Strainer Assembly | 1 |
| 51 | 75254 | Fitting | 1 |
| 52 | 75256 | Ball Valve | 1 |
| 53 | 106820-16553 | Hose Assembly - Components: Genie part numbers 106158, 106801, 106159, 106159 and 106160 @ 159 inches | 1 |
| 54 | 101793-2573 | Hose Assembly - Components: Genie part numbers 48800, 75628 and 101697 @ 23 inches | 2 |
| 55 | 48882 | Fitting | 2 |

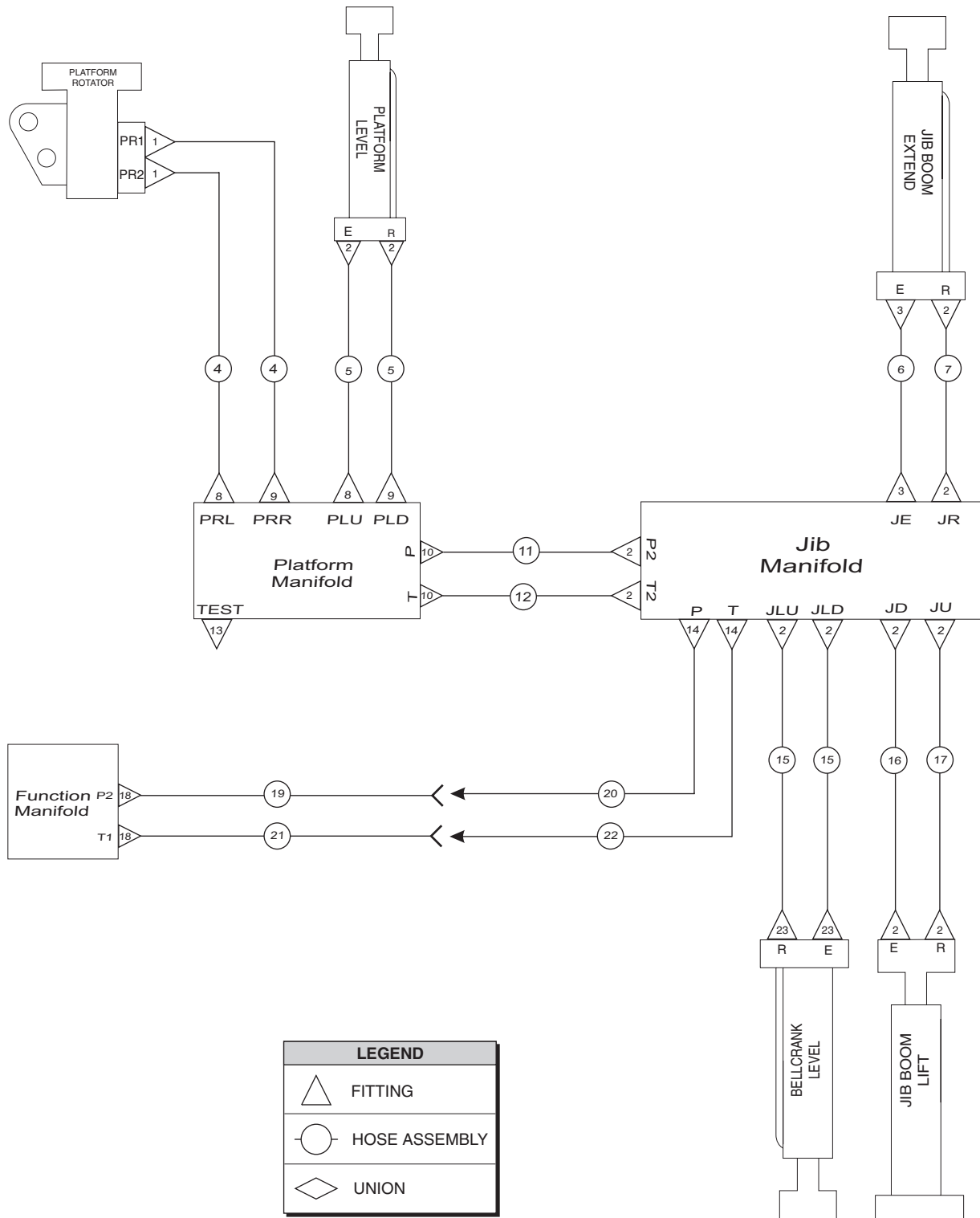
The length listed in the component description is the length of the hose only.
Refer to 715.1 to cross-reference Genie part numbers to Parker part numbers.

Figure 712.1 **Rev** B **Description** Hydraulic Hoses and Fittings, Boom Components



| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|--|---------------|---|------|------|---------------|---|------|
| 1 | 106822-109726 | Hose Assembly - Components: Genie part numbers 106814, 106814 and 106811 @ 1095 inches (before serial number 162) | 1 | 10 | 106821-105926 | Hose Assembly - Components: Genie part numbers 106814, 106814 and 106811 @ 1057 inches (before serial number 162) | 1 |
| — | 106822-109426 | Hose Assembly - Components: Genie part numbers 106814, 106814 and 106811 @ 1092 inches (after serial number 161) | | — | 106821-105226 | Hose Assembly - Components: Genie part numbers 106814, 106814 and 106811 @ 1050 inches (after serial number 161) | |
| 2 | 48943 | Fitting | 2 | 11 | 48968 | Fitting | 1 |
| 3 | 106822-110026 | Hose Assembly - Components: Genie part numbers 106814, 106814 and 106811 @ 1098 inches (before serial number 162) | 1 | 12 | 61072-3293 | Hose Assembly - Components: Genie part numbers 48841, 48845 and 48762 @ 29.5 inches | 1 |
| — | 106822-109126 | Hose Assembly - Components: Genie part numbers 106814, 106814 and 106811 @ 1089 inches (after serial number 161) | | 13 | 48963 | Fitting | 1 |
| 4 | 48933 | Fitting | 7 | 14 | 48916 | Fitting | 5 |
| 5 | 106822-105726 | Hose Assembly - Components: Genie part numbers 106814, 106814 and 106811 @ 1055 inches (before serial number 162) | 1 | 15 | 48959 | Fitting | 2 |
| — | 106822-105126 | Hose Assembly - Components: Genie part numbers 106814, 106814 and 106811 @ 1049 inches (after serial number 161) | | 16 | 106817-8829 | Hose Assembly - Components: Genie part numbers 48841, 48843 and 48762 @ 85 inches | 1 |
| 6 | 48894 | Fitting | 1 | 17 | 49130-1307 | Hose Assembly - Components: Genie part numbers 48812, 48812 and 48753 @ 11.25 inches | 2 |
| 7 | 49141-3213 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 48756 @ 29.5 inches | 1 | 18 | 106817-9629 | Hose Assembly - Components: Genie part numbers 48841, 48843 and 48762 @ 93 inches | 1 |
| 8 | 48937 | Fitting | 1 | 19 | 49183-13192 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 48756 @ 130 inches | 1 |
| 9 | 48960 | Fitting | 5 | 20 | 61074-12948 | Hose Assembly - Components: Genie part numbers 48841, 48841 and 48762 @ 127 inches | 1 |
| The length listed in the component description is the length of the hose only. Refer to 715.1 to cross-reference Genie part numbers to Parker part numbers. | | | | 21 | 49183-15192 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 48756 @ 150 inches | 1 |
| | | | | 22 | 49130-15182 | Hose Assembly - Components: Genie part numbers 48812, 48812 and 48753 @ 150 inches | 1 |

Figure 713.1 **Rev** B **Description** Hydraulic Hoses and Fittings, Platform Components



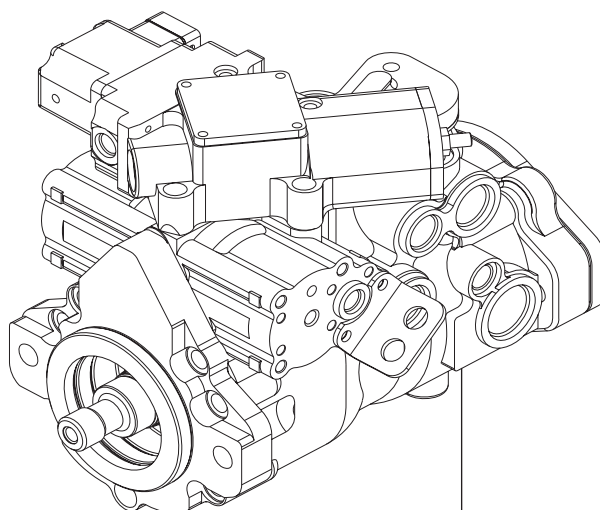
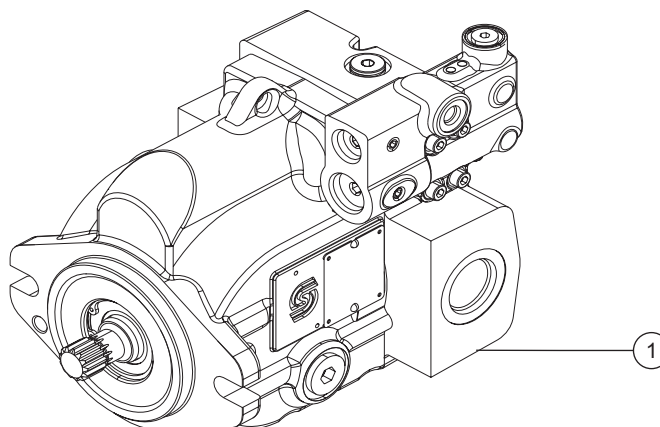
713.1
Hydraulic Hoses and Fittings, Platform Components Rev B

| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|-------------|--|------|------|---------------|---|------|
| 1 | 48907 | Fitting | 2 | 18 | 48933 | Fitting | 2 |
| 2 | 48905 | Fitting | 12 | 19 | 106822-102226 | Hose Assembly - Components: Genie part numbers 106814, 106814 and 106811 @ 1020 inches (before serial number 162) | 1 |
| 3 | 48916 | Fitting | 2 | — | 106822-101626 | Hose Assembly - Components: Genie part numbers 106814, 106814 and 106811 @ 1014 inches (after serial number 161) | 1 |
| 4 | 49119-3378 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 32 inches | 2 | 20 | 106818-67247 | Hose Assembly - Components: Genie part numbers 106813, 106814 and 106811 @ 670 inches | 1 |
| 5 | 49119-5378 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 52 inches | 2 | 21 | 73772-102392 | Hose Assembly - Components: Genie part numbers 48822, 48822 and 48757 @ 1022 inches | 1 |
| 6 | 49126-2283 | Hose Assembly - Components: Genie part numbers 48812, 48815 and 48753 @ 20.5 inches | 1 | 22 | 106819-67613 | Hose Assembly - Components: Genie part numbers 48822, 106815 and 48757 @ 674 inches | 1 |
| 7 | 49116-2387 | Hose Assembly - Components: Genie part numbers 48800, 48801 and 48751 @ 21.5 inches | 1 | 23 | 48912 | Fitting | 2 |
| 8 | 61259 | Fitting | 2 | | | | |
| 9 | 48904 | Fitting | 2 | | | | |
| 10 | 48911 | Fitting | 2 | | | | |
| 11 | 49119-33378 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 332 inches | 1 | | | | |
| 12 | 49119-33178 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 330 inches | 1 | | | | |
| 13 | 48998 | Fitting | 1 | | | | |
| — | 48880 | Dust Cap | | | | | |
| 14 | 48937 | Fitting | 2 | | | | |
| 15 | 49119-4178 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 40 inches | 2 | | | | |
| 16 | 49119-13378 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 132 inches | 1 | | | | |
| 17 | 49119-13078 | Hose Assembly - Components: Genie part numbers 48800, 48800 and 48751 @ 129 inches | 1 | | | | |

The length listed in the component description is the length of the hose only. Refer to 715.1 to cross-reference Genie part numbers to Parker part numbers.

| Figure | Rev | Description |
|--------|-----|-------------|
| 714.1 | B | Pumps |

Function Pump



Drive Pump

| Item | Part No. | Description | Qty. |
|------|----------|------------------------|------|
| 1 | 106386 | Function Pump | 1 |
| — | 107770 | Seal Kit | |
| 2 | 101068 | Drive Pump | 1 |
| — | 29739 | Seal Kit | |
| — | 77819 | EDC Controller | |
| — | 52087 | O-Ring (between pumps) | |

Figure **Rev** **Description**
 715.1 A Hydraulic Hose and Fitting Cross-reference

| Genie PN | Parker PN | Description | Genie PN | Parker PN | Description |
|----------|-----------------|---|----------|---------------|---|
| 12342 | 6-4 F5OX-S | CONNECTOR,STRAIGHT THREAD TO FLARE TUBE | 42794 | 1 CR-S | ELBOW,90°,MALE PIPE |
| 13757 | 4 R6X-S | RUN TEE,SWIVEL NUT,ORFS | 42795 | BV-0839 | BALL VALVE |
| 19685 | 12-10 C5OX-S | ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE | 42796 | BV-0838 | BALL VALVE |
| 22664 | 12-10 C5OX | ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE | 42874 | 6-8 CLO-S | ELBOW,90°,MALE PIPE TO ORFS |
| 27431 | 8-12 F5OX-S | CONNECTOR,STRAIGHT THREAD TO FLARE TUBE | 42912 | 13943-6-4 | HOSE END,90° FEMALE SWIVEL,JIC |
| 28678 | AS-B-33 | SLEEVE,NYLON,1.81" ID | 42920 | BV-0840 | BALL VALVE,90° |
| 39871 | 6 WETX-WLN-S | UNION,90° BULKHEAD W/NUT,FLARE TUBE | 42932 | AS-B-17 | SLEEVE,NYLON,1.22" ID |
| 39872 | 4 R5OX-S | RUN TEE,STRAIGHT THREAD | 42936 | 10243-2-4 | HOSE END,FEMALE PIPE |
| 39873 | 6 C5OX-S | ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE | 42953 | 1/2 DD-S | ELBOW,90°,FEMALE PIPE |
| 39874 | 8-6 C5OX-S | ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE | 42956 | 6 WELO-WLNL-S | UNION,90° BULKHEAD W/NUT,ORFS |
| 39875 | 4-6 C5OX-S | ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE | 45349 | 8 V5OX-S | ELBOW,45°,STRAIGHT THREAD TO FLARE TUBE |
| 39876 | 6-8 C5OX-S | ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE | 45351 | 4 V5OX-S | ELBOW,45°,STRAIGHT THREAD TO FLARE TUBE |
| 39877 | 4 F5OX-S | CONNECTOR,STRAIGHT THREAD TO FLARE TUBE | 47223 | 10343-6-6 | HOSE END,MALE,JIC |
| 39878 | 6 F5OX-S | CONNECTOR,STRAIGHT THREAD TO FLARE TUBE | 47419 | PS690503-6-6 | SWIVEL,90°,STRAIGHT THREAD TO 37° FLARE |
| 39879 | 4-8 F5OX-S | CONNECTOR,STRAIGHT THREAD TO FLARE TUBE | 48750 | 421-4 | HOSE,1/4 INCH ID |
| 39880 | 6-10 F5OX-S | CONNECTOR,STRAIGHT THREAD TO FLARE TUBE | 48751 | 481TC-4 | HOSE,1/4 INCH ID |
| 39881 | 4-6 F5OX-S | CONNECTOR,STRAIGHT THREAD TO FLARE TUBE | 48752 | 482TC-4 | HOSE,1/4 INCH ID |
| 39882 | 4-HP5ON-S | PLUG,STRAIGHT THREAD | 48753 | 451TC-6 | HOSE,3/8 INCH ID |
| 39883 | 8-8 FTX-S | CONNECTOR,MALE PIPE TO FLARE TUBE | 48754 | 482TC-6 | HOSE,3/8 INCH ID |
| 39885 | 269HB 12-12 | ELBOW,90°,BEADED HOSE BARB TO MALE PIPE | 48755 | 381-6 | HOSE,3/8 INCH ID |
| 39886 | 431-6 | HOSE,3/8 INCH ID | 48756 | 451TC-8 | HOSE,1/2 INCH ID |
| 39887 | 540N-2 | HOSE,1/8 INCH ID | 48757 | 482TC-8 | HOSE,1/2 INCH ID |
| 39888 | 801-8 | HOSE,1/2 INCH ID | 48758 | 381-8 | HOSE,1/2 INCH ID |
| 39889 | 801-12 | HOSE,3/4 INCH ID | 48759 | 381-10 | HOSE,5/8 INCH ID |
| 39890 | 10643-6-6 | HOSE END,FEMALE SWIVEL,JIC | 48760 | 451TC-10 | HOSE,5/8 INCH ID |
| 39891 | 13943-6-6 | HOSE END,90° FEMALE SWIVEL,JIC | 48761 | 482TC-12 | HOSE,3/4 INCH ID |
| 39892 | 13743-6-6 | HOSE END,45° FEMALE SWIVEL,JIC | 48762 | 451TC-12 | HOSE,3/4 INCH ID |
| 39894 | 30682-8-8 | HOSE END,FEMALE SWIVEL,JIC | 48763 | 772-12 | HOSE,3/4 INCH ID |
| 39895 | 30682-10-12 | HOSE END,FEMALE SWIVEL,JIC | 48764 | 881-16 | HOSE,1 INCH ID |
| 42286 | 8-8 CTX-S | ELBOW,90°,MALE PIPE TO FLARE TUBE | 48765 | 772-16 | HOSE,1 INCH ID |
| 42756 | 8-12 CLO-S | ELBOW,90,MALE PIPE TO ORFS | 48766 | AS-B-15 | SLEEVE,NYLON,1.06" ID |
| 42757 | 8-12 FLO-S | CONNECTOR,MALE PIPE TO ORFS | 48767 | AS-B-22 | SLEEVE,NYLON,1.42" ID |
| 42758 | 4 JLO-S | UNION TEE,ORFS | 48770 | 881-8 | HOSE,1/2 INCH ID |
| 42759 | 4-4 FLO-S | CONNECTOR,MALE PIPE TO ORFS | 48771 | 881-10 | HOSE,5/8 INCH ID |
| 42760 | 6-8 FLO-S | CONNECTOR,MALE PIPE TO ORFS | 48772 | 381-4 | HOSE,1/4 INCH ID |
| 42761 | 1J143-6-4 | HOSE END,90° FEMALE SWIVEL,SEAL LOK | 48773 | AS-B-13 | SLEEVE,NYLON,.86" ID |
| 42762 | 1J743-6-4 | HOSE END,45° FEMALE SWIVEL,SEAL LOK | 48800 | 1JC43-4-4 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 42768 | 1JO43-4-4 | HOSE END,MALE,SEAL LOK | 48801 | 1J743-4-4 | HOSE END,45° FEMALE SWIVEL,SEAL LOK |
| 42776 | 601-8 | HOSE,1/2 INCH ID | 48802 | 1J943-4-4 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 42777 | 1J743-16-16 | HOSE END,45° FEMALE SWIVEL,SEAL LOK | 48804 | 1JM43-4-4 | HOSE END,MALE,SEAL LOK, NO O-RING |
| 42786 | 16 CLO-S | ELBOW,90°,MALE PIPE TO ORFS | 48805 | 10643-4-4 | HOSE END,FEMALE SWIVEL,JIC |
| 42787 | 16 R6LO-S | RUN TEE,SWIVEL NUT,ORFS | 48806 | 13943-4-4 | HOSE END,90° FEMALE SWIVEL,JIC |
| 42788 | 16-8 TRLO-BL-S | REDUCER,TUBE END TO SWIVEL,ORFS | 48807 | 1JS43-4-4 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 42789 | 6-6 CLO-S | ELBOW,90°,MALE PIPE TO ORFS | 48808 | 3JC82-8-8 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 42790 | 8-10 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS | 48809 | 3JC82-12-12 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 42791 | 3/4 CD-S | ELBOW,90°,MALE TO FEMALE PIPE | 48810 | 1JC43-6-4 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 42792 | 3/4 X 1/2 PTR-S | REDUCER,MALE TO FEMALE PIPE | 48811 | 1J943-6-4 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 42793 | 1/2 CR-S | ELBOW,90°,MALE PIPE | 48812 | 1JC43-6-6 | HOSE END,FEMALE SWIVEL,SEAL LOK |

715.1
Hydraulic Hose and Fitting Cross-reference Rev A

| Genie PN | Parker PN | Description |
|----------|-------------|-------------------------------------|
| 48813 | 1J143-6-6 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48814 | 1J543-6-6 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48815 | 1J743-6-6 | HOSE END,45° FEMALE SWIVEL,SEAL LOK |
| 48816 | 1J943-6-6 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48817 | 1JS43-6-8 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48818 | 1J943-8-4 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48819 | 1JC43-8-6 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48820 | 1J743-8-6 | HOSE END,45° FEMALE SWIVEL,SEAL LOK |
| 48821 | 1J943-8-6 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48822 | 1JC43-8-8 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48823 | 1JS43-8-8 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48824 | 1J143-8-8 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48825 | 1J543-8-8 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48826 | 1J743-8-8 | HOSE END,45° FEMALE SWIVEL,SEAL LOK |
| 48827 | 1J943-8-8 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48828 | 1JC43-10-8 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48829 | 1JS43-10-8 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48830 | 1J743-10-8 | HOSE END,45° FEMALE SWIVEL,SEAL LOK |
| 48831 | 1J943-10-8 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48833 | 1JC43-10-10 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48834 | 1J943-10-10 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48835 | 1JS43-10-12 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48836 | 1JC43-12-8 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48837 | 1JS43-12-8 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48838 | 1J743-12-8 | HOSE END,45° FEMALE SWIVEL,SEAL LOK |
| 48839 | 1J943-12-8 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48840 | 1J943-12-10 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48841 | 1JC43-12-12 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48842 | 1JO43-12-12 | HOSE END,MALE,SEAL LOK |
| 48843 | 1J143-12-12 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48844 | 1J543-12-12 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48845 | 1J743-12-12 | HOSE END,45° FEMALE SWIVEL,SEAL LOK |
| 48846 | 1J943-12-12 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48847 | 13943-12-12 | HOSE END,90° FEMALE SWIVEL,JIC |
| 48848 | 10543-12-12 | HOSE END,MALE,STRAIGHT THREAD |
| 48849 | 1JC71-12-12 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48850 | 1JS71-12-12 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48851 | 1J171-12-12 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48852 | 1J771-12-12 | HOSE END,45° FEMALE SWIVEL,SEAL LOK |
| 48853 | 1J971-12-12 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48854 | 1JC43-16-16 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48855 | 1J943-16-16 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48856 | 1J171-16-16 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48857 | 1J971-16-16 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 48859 | 1JS43-8-4 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48867 | PD36BTL | DIAGNOSTIC NIPPLE,SEAL-LOK SWIVEL |
| 48873 | 6 PNLO-S | PLUG,TUBE END,ORFS |
| 48874 | 6 PNTX-S | PLUG,FLARE TUBE |

| Genie PN | Parker PN | Description |
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| 48875 | 6 R6LO-S | RUN TEE,SWIVEL NUT,ORFS |
| 488774 | F5OLO-SW/.025ORI | CONNECTOR,STRAIGHT THREAD TO ORFS, W/.025 ORI |
| 48878 | 16-12 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS |
| 48879 | 8 C6LO-S | ELBOW,90°,SWIVEL NUT ORFS |
| 48880 | PD6-285 | CAP,DIAGNOSTIC NIPPLE |
| 48881 | 6 HLO-S | UNION,ORFS |
| 48882 | PD34BTL | DIAGNOSTIC NIPPLE,SEAL-LOK SWIVEL |
| 48883 | 8 P5ON-S | PLUG,STRAIGHT THREAD |
| 48884 | 8M18F87OMLO-S | CONNECTOR,METRIC,STRAIGHT THREAD TO ORFS |
| 48885 | 4 WGTX-WLN-S | CONNECTOR,BULKHEAD,FEMALE PIPE TO FLARE TUBE |
| 488864 | F5OLO-SW/2MM OFF | CONNECTOR,MACHINED STRAIGHT THREAD TO ORFS |
| 48887 | 4 CTX-S | ELBOW,90°,MALE PIPE TO FLARE TUBE |
| 48888 | 10-12 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS |
| 48890 | 4 S5OLO-S | BRANCH TEE,STRAIGHT THREAD TO ORFS |
| 48891 | 4 S6LO-S | BRANCH TEE,SWIVEL NUT TO ORFS |
| 48892 | 6 C6LO-S | ELBOW,90°,SWIVEL NUT ORFS |
| 48893 | 6 F5OHAO-S | UNION,STRAIGHT THREAD |
| 48894 | 8 WLO-WLNL-S | UNION,BULKHEAD,ORFS |
| 48895 | DT-370-MSMO-5 | VALVE,CHECK |
| 48896 | 6 JLO-S | UNION,TEE,ORFS |
| 48897 | DT-750-MSMS-5 | VALVE,CHECK |
| 48898 | DT-750-MOMS-5 | VALVE,CHECK |
| 48899 | DT-620-MOMS-5 | VALVE,CHECK |
| 489004-6 | F5OLO-SW/.035ORI | CONNECTOR,STRAIGHT THREAD TO ORFS, W/.035 ORI |
| 48902 | 16-1 AOE4G-S | ELBOW,90° LONG,FEMALE PIPE TO STRAIGHT THREAD |
| 48903 | 1 FF-S | NIPPLE,PIPE |
| 48904 | 4 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS |
| 48905 | 4 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS |
| 48906 | 4 R5OLO-S | RUN TEE,STRAIGHT THREAD |
| 48907 | 4 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS |
| 48908 | 4 R6LO-S | RUN TEE,SWIVEL NUT,ORFS |
| 48909 | 4 WJJLO-WLNL-S | RUN TEE, BULKHEAD,ORFS |
| 489104 | GTX-S W/.030ORIFIC | CONNECTOR,FEMALE PIPE TO FLARE TUBE |
| 48911 | 4-6 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS |
| 48912 | 4-6 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS |
| 489134-6 | F5OLO-SW/.030OR | CONNECTOR,STRAIGHT THREAD TO ORFS, W/.030 ORI |
| 48914 | 4-8 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS |
| 48915 | 6 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS |
| 48916 | 6 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS |
| 48917 | 6 FF5OLO-S | CONNECTOR,LONG,STRAIGHT THREAD TO ORFS |

Figure **Rev** **Description**
 715.1 A Hydraulic Hose and Fitting Cross-reference

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| 48918 | 6 R5OLO-S | RUN TEE,STRAIGHT THREAD | 48967 | 12 JLO-S | UNION TEE,ORFS |
| Genie PN | Parker PN | Description | Genie PN | Parker PN | Description |
| 48919 | 6 S5OLO-S | BRANCH TEE,STRAIGHT THREAD TO ORFS | 48968 | 12 WLO-WLNL-S | UNION,BULKHEAD,ORFS |
| 48920 | 6 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS | 48969 | 12 WJJLO-WLNL-S | RUN TEE, BULKHEAD,ORFS |
| 48921 | 6 FLO-S | CONNECTOR,MALE PIPE TO ORFS | 48970 | 12 WELO-WLNL-S | UNION,90° BULKHEAD W/NUT,ORFS |
| 48922 | 6-6 FLO-S | CONNECTOR,MALE PIPE TO ORFS | 48971 | 12 G5G5JG5-S | TEE,FEMALE STRAIGHT THREAD |
| 48923 | 6 P5ON-S | PLUG,STRAIGHT THREAD | 48972 | 12 XHL6-S | ADAPTER, 37° MALE TO SWIVEL ORFS |
| 48925 | 6 WELO-S | UNION,90° BULKHEAD,ORFS | 48973 | 12-1/2 F5OG-S | ADAPTER,FEMALE PIPE TO STRAIGHT THREAD |
| 48926 | 6-4 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS | 48974 | 12-10 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS |
| 48927 | 6-4 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS | 48975 | 12-10 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS |
| 48928 | 6-4 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS | 48976 | 12-16 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS |
| 48929 | 6-8 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS | 48977 | 12-16 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS |
| 48930 | 6-8 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS | 48978 | 12-16 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS |
| 48931 | 6-10 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS | 48980 | 12-16 FLO-S | CONNECTOR,MALE PIPE TO ORFS |
| 48932 | 8 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS | 48983 | 16 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS |
| 48933 | 8 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS | 48984 | 16 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS |
| 48934 | 8 FF5OLO-S | CONNECTOR,LONG,STRAIGHT THREAD TO ORFS | 48985 | 16 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS |
| 48935 | 8 R5OLO-S | RUN TEE,STRAIGHT THREAD | 48986 | 16 FLO-S | CONNECTOR,MALE PIPE TO ORFS |
| 48936 | 8 S5OLO-S | BRANCH TEE,STRAIGHT THREAD TO ORFS | 48988 | 16 CD45-S | ELBOW,45°,MALE TO FEMALE PIPE |
| 48937 | 8 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS | 48989 | 12 CD45-S | ELBOW,45°,MALE TO FEMALE PIPE |
| 48938 | 8 R6LO-S | RUN TEE,SWIVEL NUT,ORFS | 48990 | 8 CD45-S | ELBOW,45°,MALE TO FEMALE PIPE |
| 48939 | 8 S6LO-S | BRANCH TEE,SWIVEL NUT TO ORFS | 48991 | 16-12 FLO-S | CONNECTOR,MALE PIPE TO ORFS |
| 48940 | 8 WJJLO-WLNL-S | RUN TEE, BULKHEAD,ORFS | 48992 | 16-12 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS |
| 48941 | 8-4 TRLO-S | REDUCER,TUBE END TO SWIVEL,ORFS | 48993 | XV501-12 | BALL VALVE |
| 48942 | 8-6 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS | 48994 | XV501-16 | BALL VALVE |
| 48943 | 8-6 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS | 48995 | XV510P-12 | BALL VALVE |
| 48944 | 8-8 FLO-S | CONNECTOR,MALE PIPE TO ORFS | 48996 | XV510P-16 | BALL VALVE |
| 48945 | 8 FTX-S | CONNECTOR,MALE PIPE TO FLARE TUBE | 48997 | PD341 | DIAGNOSTIC NIPPLE, STRAIGHT THREAD |
| 48946 | 8-10 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS | 48998 | PD 361 | DIAGNOSTIC NIPPLE, STRAIGHT THREAD |
| 48947 | 8-12 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS | 48999 | DT-500-MOMS-5 | VALVE,CHECK |
| 48948 | 8-12 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS | 49201 | 10 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS |
| 48949 | 8-16 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS | 49202 | 1JC43-12-10 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 48950 | 10 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS | 49203 | 10-8 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS |
| 48951 | 10 CC5OLO-S | ELBOW,90° LONG,STRAIGHT THREAD TO ORFS | 49205 | 6 F5OHAO-S | UNION,STRAIGHT THREAD |
| 48952 | 10 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS | 49207 | PD34BTL | DIAGNOSTIC NIPPLE,SEAL-LOK SWIVEL |
| 48953 | 10 R5OLO-S | RUN TEE,STRAIGHT THREAD | 49209 | 8M18F870MX-S | CONNECTOR,METRIC,STRAIGHT THREAD TO FLARE TUBE |
| 48954 | 10 S5OLO-S | BRANCH TEE,STRAIGHT THREAD TO ORFS | 49212 | 8 WGTX-WLN-S | CONNECTOR,BULKHEAD,FEMALE PIPE TO FLARE TUBE |
| 48955 | 10 R6LO-S | RUN TEE,SWIVEL NUT,ORFS | 49213 | 30682-8-8 | HOSE END,FEMALE SWIVEL,JIC |
| 48956 | 10-4 TRLO-BL-S | REDUCER,TUBE END TO SWIVEL,ORFS | 49216 | 831-8 | HOSE,1/2 INCH ID |
| 48957 | 10-6 TRLO-BL-S | REDUCER,TUBE END TO SWIVEL,ORFS | 49217 | 33982-8-8 | HOSE END,90° FEMALE SWIVEL,JIC |
| 48958 | 10-12 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS | 49219 | PS-B-35 | SLEEVE,NYLON,2.19" ID |
| 48959 | 12 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS | 49418 | 4-6 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS |
| 48960 | 12 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS | 49511 | DT370-MOMS-5 | VALVE,CHECK |
| 48961 | 12 R5OLO-S | RUN TEE,STRAIGHT THREAD | 49512 | 1 DD-S | ELBOW,90°,FEMALE PIPE |
| 48962 | 12 S5OLO-S | BRANCH TEE,STRAIGHT THREAD TO ORFS | 49513 | 1 FF-S | NIPPLE,PIPE |
| 48963 | 12 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS | 49514 | 10 HP5ON-S | PLUG,STRAIGHT THREAD |
| 48964 | 12 R6LO-S | RUN TEE,SWIVEL NUT,ORFS | 49515 | 12-16 CLO-S | ELBOW,90°,MALE PIPE TO ORFS |
| 48965 | 12 CLO-S | ELBOW,90°,MALE PIPE TO ORFS | | | |
| 48966 | 12 FLO-S | CONNECTOR,MALE PIPE TO ORFS | | | |

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| 49517 | 6 HP5ON-S | PLUG,STRAIGHT THREAD | 54283 | 8-10 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS |
| Genie PN Parker PN Description | | | Genie PN Parker PN Description | | |
| 49519 | 16-12 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS | 54428 | 8M18C87OMLO-S | ELBOW, 90° METRIC, STRAIGHT THREAD TO ORFS |
| 49520 | 4 VTX-S | ELBOW,45°,MALE PIPE TO FLARE TUBE | 54803 | FS-F-16-10 | SLEEVE,FIRE,.96" ID |
| 49530 | 16 C6LO-S | ELBOW,90°,SWIVEL NUT ORFS | 54954 | 10143-2-4 | HOSE END, MALE PIPE |
| 49612 | PKT02586 | O-RING KIT (ORFS FITTINGS) | 55190 | 3/8 HP-S | PLUG,PIPE THREAD |
| 49613 | PKT06276 | PLUG AND CAP KIT-SERVICE,ORFS | 55448 | 8 HLO-S | UNION,ORFS |
| 49728 | 10143-12-12 | HOSE END, MALE PIPE | 55839 | 6 F65OX-S | CONNECTOR,STRAIGHT THREAD TO 37° SWIVEL |
| 49729 | 16-1 F5OG-S | ADAPTER,FEMALE PIPE TO STRAIGHT THREAD | 55968 | 10 C5OX-S | ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE |
| 49814 | 12-8 FLO-S | CONNECTOR,MALE PIPE TO ORFS | 56003 | 6 CC5OLO-S | ELBOW,90° LONG,STRAIGHT THREAD TO ORFS |
| 49829 | DT-500-MOMF-5 | VALVE,CHECK | 56166 | BV-0837 | BALL VALVE,90° |
| 49831 | 881-12 | HOSE,3/4 INCH ID | 56188 | 10143-8-6 | HOSE END, MALE PIPE |
| 49834 | 16 JLO-S | UNION TEE,ORFS | 56233 | 2-011 | O-RING,ORFS,-4 |
| 49838 | 12-8 TRLO-BL-S | REDUCER,TUBE END TO SWIVEL,ORFS | 56234 | 2-012 | O-RING,ORFS,-6 |
| 49840 | 8 JLO-S | UNION TEE,ORFS | 56235 | 2-014 | O-RING,ORFS,-8 |
| 49844 | 10-8 TRLO-BL-S | REDUCER,TUBE END TO SWIVEL,ORFS | 56236 | 2-016 | O-RING,ORFS,-10 |
| 49854 | 8 P5ON-S | PLUG,STRAIGHT THREAD | 56237 | 2-018 | O-RING,ORFS,-12 |
| 49855 | 1JC43-16-12 | HOSE END,FEMALE SWIVEL,SEAL LOK | 56238 | 2-021 | O-RING,ORFS,-16 |
| 49859 | 4 P5ON-S | PLUG,STRAIGHT THREAD | 56352 | 6 WLN-L-S | LOCKNUT,BULKHEAD |
| 49861 | 4 FF5OLO-S | CONNECTOR,LONG,STRAIGHT THREAD TO ORFS | 56353 | 3J782-12-12 | HOSE END,45° FEMALE SWIVEL,SEAL LOK |
| 49867 | 12-3/4 F5OG-S | ADAPTER,FEMALE PIPE TO STRAIGHT THREAD | 56354 | 3J982-12-12 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 51152 | 6 R6X-S | RUN TEE,SWIVEL NUT,ORFS | 56604 | 10-8 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS |
| 51153 | 6-4 TRTX-S | REDUCER,TUBE END TO SWIVEL,ORFS | 56639 | 3JC82-10-10 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 51154 | 4-4 GTX | CONNECTOR,FEMALE PIPE TO FLARE TUBE | 56640 | 3J982-10-10 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 51264 | 881-12 | HOSE,3/4 INCH ID | 56655 | 3JC82-8-10 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 51265 | 8 JLO-S | UNION TEE,ORFS | 56676 | 10-8 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS |
| 51508 | 6 BTX-S | NUT,FLARE TUBE | 56776 | 471TC-6 | HOSE,3/8 INCH ID |
| 51580 | 12-8 TRLO-BL-S | TUBE END REDUCER,ORFS | 56777 | 471TC-8 | HOSE,1/2 INCH ID |
| 51628 | 6 R6X-S | RUN TEE,SWIVEL NUT,ORFS | 56789 | 811-16 | HOSE,1 INCH ID |
| 51735 | 3/8 HHP | PLUG,PIPE THREAD | 57884 | 3/8 FF | NIPPLE,PIPE |
| 51803 | 1J943-6-8 | HOSE END,90° FEMALE SWIVEL,SEAL LOK | 59335 | 6 FNL-S | CAP, TUBE END |
| 53023 | 125HBL-5-4 | FITTING,HOSE BARB TO MALE PIPE | 59342 | 4 FNL-S | CAP, TUBE END |
| 53497 | PKT02585 | O-RING KIT | 59371 | 8 HP5ON-S | PLUG,STRAIGHT THREAD |
| 53499 | 1JC71-16-16 | HOSE END,FEMALE SWIVEL,SEAL LOK | 60653 | BV-0751 | BALL VALVE |
| 53500 | 3-904 | O-RING,STRAIGHT THREAD,-4 | 60806 | 125HB-3-4 | FITTING,HOSE BARB TO MALE PIPE |
| 53501 | 3-906 | O-RING,STRAIGHT THREAD,-6 | 61064 | 5-1/4 F5OG-S | ADAPTER,FEMALE PIPE TO STRAIGHT THREAD |
| 53502 | 3-908 | O-RING,STRAIGHT THREAD,-8 | 61079 | 4 WELO-WLNL-S | UNION,90° BULKHEAD W/NUT,ORFS |
| 53503 | 3-910 | O-RING,STRAIGHT THREAD,-10 | 61080 | 6 WLO-WLNL-S | UNION,BULKHEAD,ORFS |
| 53535 | 3-912 | O-RING,STRAIGHT THREAD,-12 | 61083 | 24 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS |
| 53536 | 4-PNLO-S | PLUG,TUBE END,ORFS | 61086 | 20 R5OLO-S | RUN TEE,STRAIGHT THREAD |
| 53537 | 6 PNLO-S | PLUG,TUBE END,ORFS | 61090 | 24-20 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS |
| 53538 | 8 PNLO-S | PLUG,TUBE END,ORFS | 61091 | 1J943 24-24 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 53539 | 10 PNLO-S | PLUG,TUBE END,ORFS | 61093 | 1J978-12-12 | HOSE END,90° FEMALE SWIVEL,JIC |
| 53540 | 12 PNLO-S | PLUG,TUBE END,ORFS | 61095 | 1JS43-20-16 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 53946 | 129HB-5-4 | FITTING,90° HOSE BARB TO MALE PIPE | 61100 | 811-24 | HOSE,11/2 INCH ID |
| 53951 | 8-1/4F50G-S | ADAPTER,FEMALE PIPE TO STRAIGHT THREAD | 61130 | 1JS43-24-24 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 53980 | 6 S6LO-S | BRANCH TEE,SWIVEL NUT TO ORFS | 61131 | 1JS78 12-12 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 54132 | 4 C6LO-S | ELBOW,90°,SWIVEL NUT ORFS | 61132 | 1J778-12-12 | HOSE END,45° FEMALE SWIVEL,JIC |
| 54135 | 11343-16-16 | HOSE END,MALE SWIVEL,PIPE | 61152 | 139HB-6-4 | ELBOW,45°,BARB TO MALE PIPE |

Figure **Rev** **Description**
 715.1 A Hydraulic Hose and Fitting Cross-reference

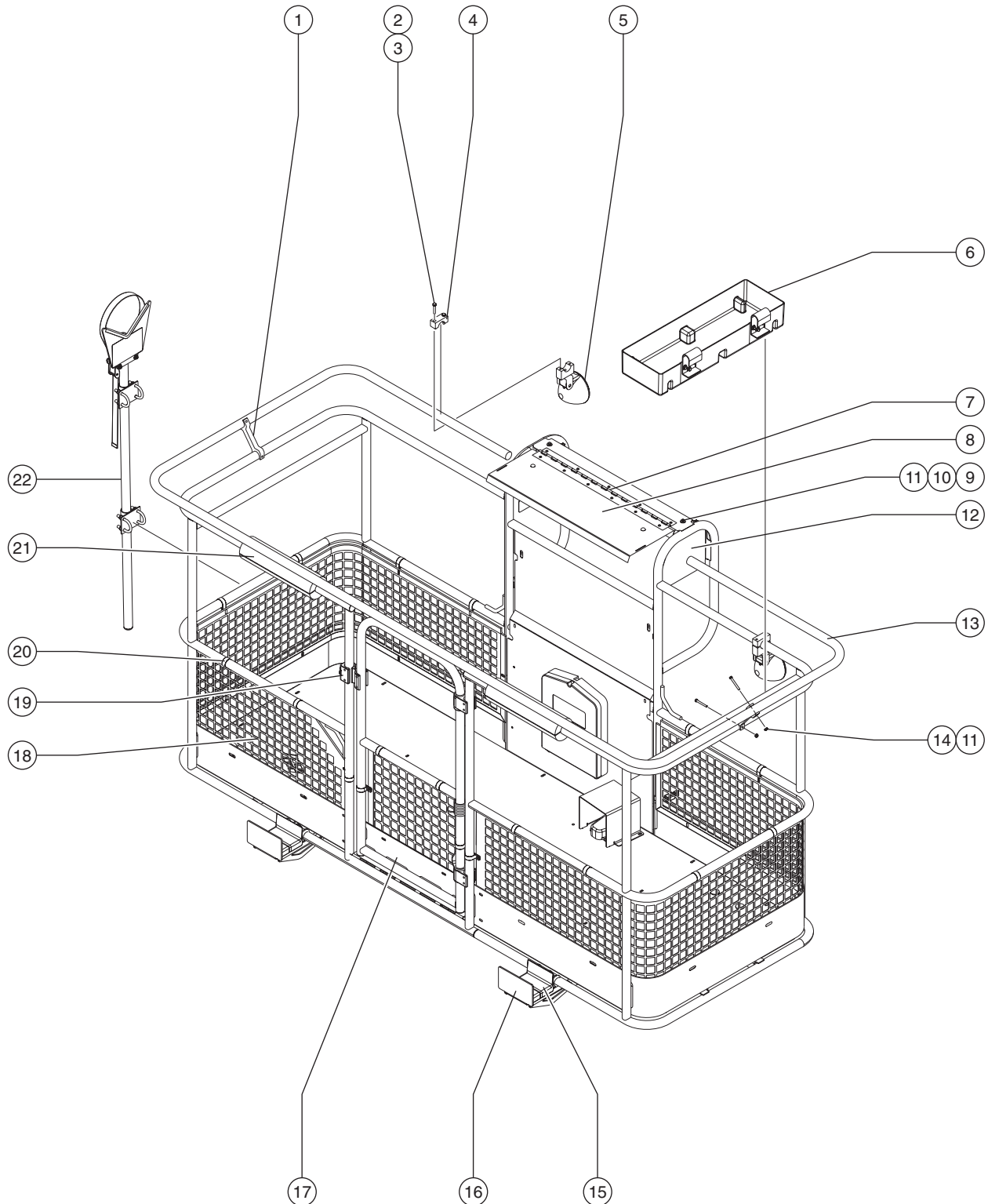
| | | | | | |
|-----------------|------------------|--|-----------------|------------------|--|
| 61251 | BV-0750 | BALL VALVE | 73436 | 60C-4 | SLEEVE, COMPRESSION |
| Genie PN | Parker PN | Description | Genie PN | Parker PN | Description |
| 61259 | 4 CC5OLO-S | ELBOW, 90° LONG, STRAIGHT THREAD TO ORFS | 73437 | 61C-4 | NUT, COMPRESSION |
| 61260 | 20-12 TRLO-BL | REDUCER, TUBE END TO SWIVEL, ORFS | 73438 | 33482-4-4B | HOSE END, PUSH LOK, MALE |
| 61262 | 12 C6LO-S | ELBOW, 90°, SWIVEL NUT ORFS | 73767 | 1CD-S | ELBOW, 90°, MALE TO FEMALE PIPE |
| 61263 | 20 F5OHAO-S | UNION, STRAIGHT THREAD | 73768 | 20-16-F5OG5-S | ADAPTER, FEMALE PIPE TO STRAIGHT THREAD |
| 61264 | 6-10 C5OLO-S | ELBOW, 90°, STRAIGHT THREAD TO ORFS | 73769 | 16-20 F5OLO-S | CONNECTOR, STRAIGHT THREAD TO ORFS |
| 61265 | 6 WNLO-WLNL-S | UNION, BULKHEAD 45°, ORFS | 74660 | 6-8 F42EDMLO-S | CONNECTOR, MALE BSPP TO ORFS |
| 61268 | 4 WNLO-WLNL-S | UNION, BULKHEAD 45°, ORFS | 74661 | 8-8 F42EDMLO-S | CONNECTOR, MALE BSPP TO ORFS |
| 61269 | 4 WLO-WLNL-S | UNION, BULKHEAD, ORFS | 75007 | 4 FLO-S | CONNECTOR, MALE PIPE TO ORFS |
| 61272 | 12 AOEL6 | ELBOW, 90°, STRAIGHT THREAD TO ORFS SWIVEL | 75008 | 1/8 HP-S | PLUG, PIPE THREAD |
| 61316 | 482TC-16 | HOSE, 1 INCH ID | 75014 | 1/2 HP-S | PLUG, PIPE THREAD |
| 61321 | 6 JLO-S | UNION TEE, ORFS | 75042 | 8 WELO-WLNL-S | UNION, 90° BULKHEAD W/NUT, ORFS |
| 61327 | 782-12 | HOSE, 3/4 INCH ID | 75043 | 3/4 FF-S | NIPPLE, PIPE |
| 61328 | 881-24 | HOSE, 1 1/2 INCH ID | 75254 | 24 F5OHAO-S | UNION, STRAIGHT THREAD |
| 61336 | 11943-20-24 | HOSE END, 90° FLANGE HEAD | 75255 | 12 F5OHAO-S | UNION, STRAIGHT THREAD |
| 61345 | 12 WJJO-WLNL-S | RUN TEE, BULKHEAD, ORFS | 75256 | XV5O6P-24 | BALL VALVE |
| 61346 | 8 WNLO-WLNL-S | UNION, BULKHEAD 45°, ORFS | 75574 | 4 WLNL-S | BULKHEAD LOCKNUT |
| 61569 | 33782-8-8 | HOSE END, 45° FEMALE SWIVEL, JIC | 75612 | 8 WJLO-WLNL-S | RUN TEE, BULKHEAD, ORFS |
| 61610 | 12 FF5OLO-S | CONNECTOR, LONG, STRAIGHT THREAD TO ORFS | 75613 | 12-8 F5OG5-S | ADAPTER, FEMALE PIPE TO STRAIGHT THREAD |
| 61742 | 1/8 X 1.5 FFF | NIPPLE, PIPE | 75614 | 8 CC5OLO-S | ELBOW, 90° LONG, STRAIGHT THREAD TO ORFS |
| 63426 | 8 PNTX-S | PLUG, FLARE TUBE | 75628 | 1JB43-4-4 | HOSE END, BULKHEAD, SEAL LOK |
| 64271 | 4 WLO-WLNL-S | UNION, BULKHEAD, ORFS | 75631 | 801-6 | HOSE, 3/8 INCH ID |
| 64272 | 6 WLO-WLNL-S | UNION, BULKHEAD, ORFS | 75654 | 20 F5OLO-S | CONNECTOR, STRAIGHT THREAD TO ORFS |
| 65776 | 8 F65OL-S | CONNECTOR, STRAIGHT THREAD TO ORFS SWIVEL | 75655 | 1J943-20-20 | HOSE END, 90° FEMALE SWIVEL, SEAL LOK |
| 65880 | 6001012 | O-RING KIT | 75656 | 881-20 | HOSE, 1-1/4 INCH ID |
| 66154 | 6 WTX-WLNS | UNION, BULKHEAD, FLARE TUBE | 75971 | 8 F5OHAO-S | UNION, STRAIGHT THREAD |
| 66155 | 6 WETX-S | UNION, BULKHEAD 90°, FLARE TUBE | 77307 | 1JB43-8-8 | HOSE END, BULKHEAD, SEAL LOK |
| 66156 | 6 WLN-S | BULKHEAD LOCKNUT | 77309 | 8 WLNL-S | BULKHEAD LOCKNUT |
| 66389 | 6-8 F5OX-S | CONNECTOR, STRAIGHT THREAD TO FLARE TUBE | 77379 | 8M18C87OMX-S | ELBOW, 90° METRIC, STRAIGHT THREAD TO FLARE TUBE |
| 66392 | 6 R5OX-S | RUN TEE, STRAIGHT THREAD | 77703 | 3J982-8-8 | HOSE END, 90° FEMALE SWIVEL, SEAL LOK |
| 66396 | 811-12 | HOSE, 3/4 INCH ID | 77711 | 801-10 | HOSE, 5/8 INCH ID |
| 66829 | H3174PP | CLAMP, TUBE | 77758 | 12 WNLO-WLNL-S | UNION, BULKHEAD 45°, ORFS |
| 67217 | 4 KLO-S | UNION, CROSS, ORFS | 78091 | 6 C6X-S | ELBOW, 90°, SWIVEL NUT TO FLARE TUBE |
| 67339 | 10-6 F5OX-S | CONNECTOR, STRAIGHT THREAD TO FLARE TUBE | 78684 | 30582-8-8B | HOSE END, PUSH LOK, MALE |
| 67357 | 13943-8-6 | HOSE END, 90° FEMALE SWIVEL, JIC | 78852 | 549-2 | HOSE, 1/8 INCH ID |
| 67358 | 10 HP5ON-S | PLUG, STRAIGHT THREAD | 78855 | 10657-4-2 | HOSE END, FEMALE SWIVEL, JIC |
| 67371 | 12 S6LO-S | BRANCH TEE, SWIVEL NUT TO ORFS | 79138 | PS-B-37 | SLEEVE, NYLON, 2.38" ID |
| 67498 | 4 FNL-S | CAP, TUBE END | 79476 | 1JS43-6-8 | HOSE END, FEMALE SWIVEL, SEAL LOK |
| 67906 | DC-370-F0F0-5 | VALVE, CHECK | 79847 | 12-3/4 A0EG-S | ELBOW, 90°, STRAIGHT THREAD TO FEMALE PIPE |
| 69316 | 8 FLO-S | CONNECTOR, MALE PIPE TO ORFS | 80044 | 8 CLO-S | ELBOW, 90°, MALE PIPE TO ORFS |
| 69333 | H3174PP | CLAMP, HYDRAULIC HOSE | 80502 | 8 F5OX-S | CONNECTOR, STRAIGHT THREAD TO FLARE TUBE |
| 69503 | 4 F65OX-S | CONNECTOR, STRAIGHT THREAD TO 37° SWIVEL | 80503 | 8 C5OX-S | ELBOW, 90°, STRAIGHT THREAD TO FLARE TUBE |
| 69775 | 8 FNL-S | CAP, TUBE END | 81010 | AS-B-27 | SLEEVE, NYLON, 1.63" ID |
| 71038 | 1/4X1/4F3HG-S | ADAPTER, CONVERSION | 83052 | 821-6 | HOSE, 3/8 INCH ID |
| 71196 | 12-8 F5OLO-S | CONNECTOR, STRAIGHT THREAD TO ORFS | 83053 | 821-8 | HOSE, 1/2 INCH ID |
| 71383 | 1/4 CD45-S | ELBOW, 45°, MALE TO FEMALE PIPE | 83054 | 821-12 | HOSE, 3/4 INCH ID |
| 72270 | 12FNL-S | CAP, TUBE END | 83055 | 30682-6-6 | HOSE END, FEMALE SWIVEL, JIC |

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Hydraulic Hose and Fitting Cross-reference Rev A

| | | |
|-----------------|------------------|-------------------------------------|
| 83056 | 30682-12-12 | HOSE END,FEMALE SWIVEL,JIC |
| Genie PN | Parker PN | Description |
| 83057 | 33782-6-6 | HOSE END,45° FEMALE SWIVEL,JIC |
| 83058 | 33982-6-6 | HOSE END,90° FEMALE SWIVEL,JIC |
| 83060 | 33982-12-12 | HOSE END,90° FEMALE SWIVEL,JIC |
| 83063 | 13743-4-4 | HOSE END,45° FEMALE SWIVEL,JIC |
| 83064 | 13743-8-8 | HOSE END,45° FEMALE SWIVEL,JIC |
| 83065 | 13743-12-12 | HOSE END,45° FEMALE SWIVEL,JIC |
| 83066 | 13943-8-8 | HOSE END,90° FEMALE SWIVEL,JIC |
| 83067 | 14143-6-6 | HOSE END,90° FEMALE SWIVEL,JIC |
| 83068 | 14143-8-8 | HOSE END,90° FEMALE SWIVEL,JIC |
| 83069 | 14143-12-12 | HOSE END,90° FEMALE SWIVEL,JIC |
| 83070 | 772-8 | HOSE,1/2 INCH ID |
| 83071 | 10671-8-8 | HOSE END,FEMALE SWIVEL,JIC |
| 83072 | 10671-12-12 | HOSE END,FEMALE SWIVEL,JIC |
| 83073 | 13771-8-8 | HOSE END,45° FEMALE SWIVEL,JIC |
| 83074 | 13771-12-12 | HOSE END,45° FEMALE SWIVEL,JIC |
| 83075 | 13971-8-8 | HOSE END,90° FEMALE SWIVEL,JIC |
| 83076 | 13971-12-12 | HOSE END,90° FEMALE SWIVEL,JIC |
| 83077 | 14171-8-8 | HOSE END,90° FEMALE SWIVEL,JIC |
| 83078 | 14171-12-12 | HOSE END,90° FEMALE SWIVEL,JIC |
| 83080 | 13943-16-16 | HOSE END,90° FEMALE SWIVEL,JIC |
| 83103 | 10671-16-12 | HOSE END,FEMALE SWIVEL,JIC |
| 83104 | 10671-10-12 | HOSE END,FEMALE SWIVEL,JIC |
| 83112 | 1JC71-8-8 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 83113 | 1JS71-16-12 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 83114 | 1JS71-10-12 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 83115 | 1J971-8-8 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 83116 | 1J171-8-8 | HOSE END,90° FEMALE SWIVEL,SEAL LOK |
| 83117 | 1J771-8-8 | HOSE END,45° FEMALE SWIVEL,SEAL LOK |
| 83127 | 1J543-6-8 | HOSE END,90° FEMALE SWIVEL,JIC |
| 83128 | 1JC43-6-8 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 87033 | 12-6 TRLO-S | REDUCER,TUBE END TO SWIVEL,ORFS |
| 87034 | 3J782-8-8 | HOSE END,45° FEMALE SWIVEL,SEAL LOK |
| 87172 | 12 HP5ON-S | PLUG,STRAIGHT THREAD |
| 87185 | 8 WNLO-WLNL-S | UNION,BULKHEAD 45°,ORFS |
| 87246 | 4 C6X-S | ELBOW,90°,SWIVEL NUT TO FLARE TUBE |
| 87679 | 6 LHP-S | FLANGE SEAL FITTING, MALE |
| 87681 | 6PLS N0702 | BONDED SEAL |
| 88100 | SR88100 | ADAPTER,OIL DRAIN,GM 3.0L |
| 88311 | 1JS43-20-20 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 88353 | 20 V5OLO-S | ELBOW,45°,STRAIGHT THREAD TO ORFS |
| 88474 | 10081-20 | Crimp Shell, 1.25" |
| 88475 | 1988-20-24 | HOSE END,90° FLANGE HEAD |
| 88476 | JS88-24-24 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 88477 | 1JC88-20-20 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| 88478 | 811-20 | HOSE,1 1/4 INCH ID |
| 88936 | 20-16 F5OLO-S | CONNECTOR,STRAIGHT THREAD TO ORFS |
| 88937 | 20-16 FLO-S | CONNECTOR,MALE PIPE TO ORFS |

| | | |
|-----------------|------------------|---|
| 88938 | 1JC88-16-16 | HOSE END,FEMALE SWIVEL,SEAL LOK |
| Genie PN | Parker PN | Description |
| 88939 | 1J988-16-16 | HOSE END,90° FEMALE SWIVEL,ORFS |
| 88940 | 811-16 | HOSE,1 INCH ID |
| 88944 | 1J988-20-20 | HOSE END,90° FEMALE SWIVEL,ORFS |
| 89403 | 16 VLO-S | ELBOW,45°,MALE PIPE TO ORFS |
| 89449 | 6 WJJLO-WLNL-S | RUN TEE, BULKHEAD,ORFS |
| 89489 | 4 WJMLO-S | BRANCH TEE,BULKHEAD,ORFS |
| 89551 | 1JB43-6-6 | HOSE END,BULKHEAD,SEAL LOK |
| 89552 | 1JB43-8-8 | HOSE END,BULKHEAD,SEAL LOK |
| 89593 | 20 C5OLO-S | ELBOW,90°,STRAIGHT THREAD TO ORFS |
| 94161 | 8-8 CLO-S | ELBOW,90°,MALE PIPE TO ORFS |
| 94358 | 351TC-12 | HOSE,3/4 INCH ID |
| 94418 | 20 FLO-S | CONNECTOR,MALE PIPE TO ORFS |
| 96358 | 12 TX-S | SLEEVE,FLARE TUBE |
| 96359 | 12 BTX-S | NUT,FLARE TUBE |
| 96397 | 8 F5OX-S | CONNECTOR,STRAIGHT THREAD TO FLARE TUBE |
| 96398 | 12-8 F5OX-S | CONNECTOR,STRAIGHT THREAD TO FLARE TUBE |
| 96402 | 10343-6-6 | HOSE END,MALE,JIC |
| 96407 | 30382-6-6B | HOSE END,MALE,JIC |

| Figure | Rev | Description |
|--------|-----|----------------------|
| 801.1 | A | Platform Accessories |

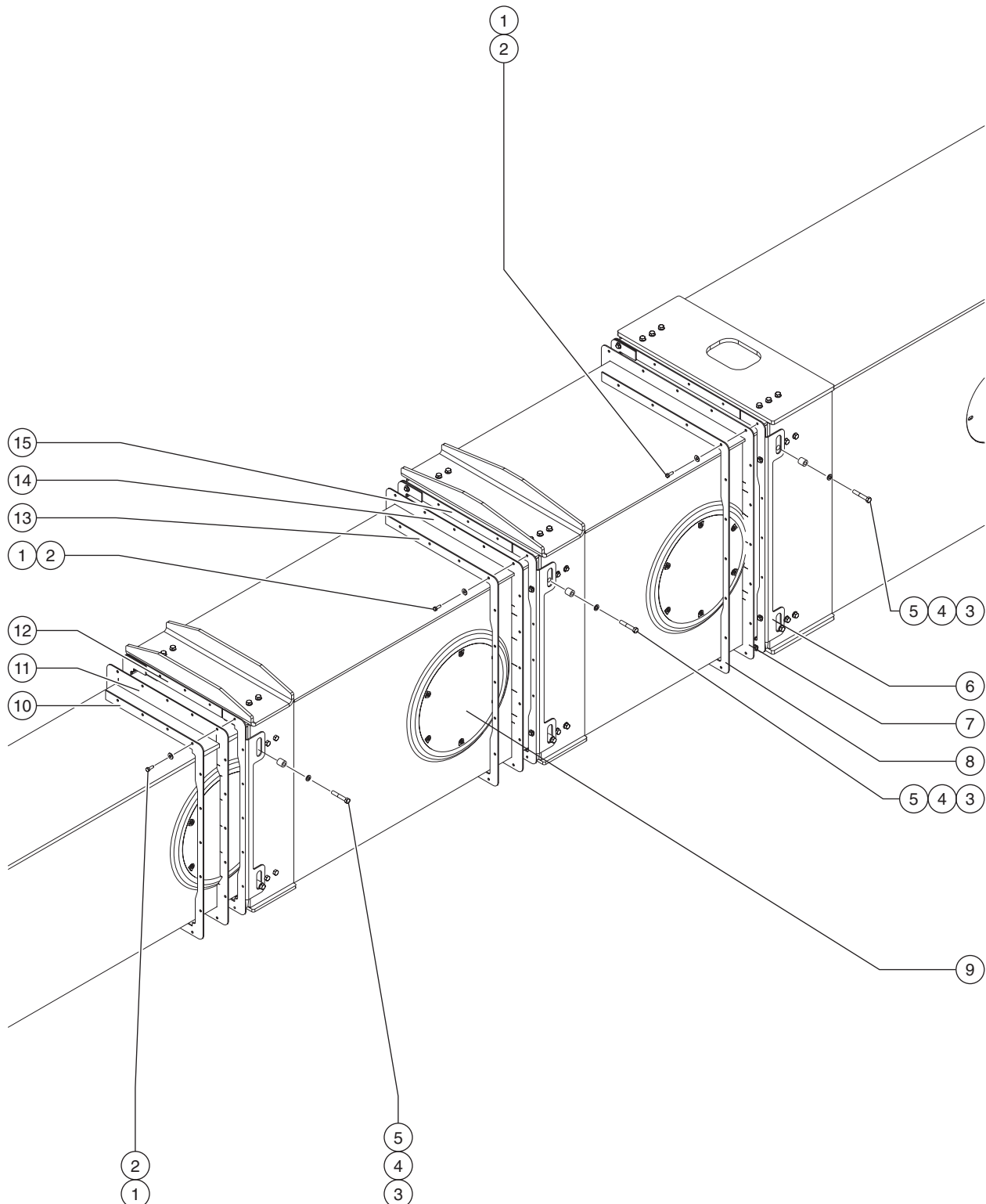


801.1
Platform Accessories Rev A

| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|--|------|------|----------|---------------------------------|------|
| — | 53808-S | Pinch Guard Option, 6 foot Platform, Complete | | 19 | 1487 | Gate Latch | 1 |
| — | 53807-S | Pinch Guard Option, 8 foot Platform, Complete (includes items 1, 11 and 13-14) | | — | 63311 | Snap Pin | |
| — | 88609-S | Platform Control Box Cover, Complete (includes items 7-12) | | 20 | 56424 | Clamp, 1.25 x 0.5 inch | 14 |
| — | 73433-S | Swing Gate Option, Complete | | 21 | 88377 | Foam Pad, 3 x 1.25 inches | 2 |
| — | 88828 | Work Light Option, Complete (includes items 2-5) | | 22 | 85300 | Pipe Cradle Assembly | 2 |
| — | 77683-S | Glazier Option, Complete (includes items 15, 16 and 21) | | | | | |
| — | 56572 | Pipe Cradle, Set (includes item 22) | | | | | |
| 1 | 53803 | Pinch Guard Support | 10 | | | | |
| 2 | 6145 | Screw - HHC, 1/4 -20 x 1.5 inches, GR 5 | | | | | |
| 3 | 6356 | Lock Washer, 1/4 inch | | | | | |
| 4 | 35956 | Work Light Mount | 2 | | | | |
| 5 | 36960 | Work Light, 12V DC | 2 | | | | |
| — | 35961 | Lamp, Par 36, 12V DC | | | | | |
| 5 | 98027 | Work Light Option, 110V | 1 | | | | |
| 6 | 9599-S | Tool Tray | 1 | | | | |
| 7 | 60469 | Cover Hinge | 1 | | | | |
| 8 | 89915 | Platform Control Box Cover | 1 | | | | |
| 9 | 7339 | Screw - HHC, 1/4 -20 x 0.5 inch, GR 5 | | | | | |
| 10 | 6638 | Flat Washer, 1/4 inch | | | | | |
| 11 | 6889 | Nylock Nut, 1/4 inch | | | | | |
| 12 | 88606P | Control Box Cover, Right Side | 1 | | | | |
| — | 88607P | Control Box Cover, Left Side | | | | | |
| 13 | 52661 | Pinch Guard Railing Assembly | 1 | | | | |
| — | 31120 | Nylon Plug | | | | | |
| 14 | 4266 | Screw - HHC, 1/4 -20 x 2 inches, GR 5 | | | | | |
| 15 | 56934 | Rest Pad | 4 | | | | |
| 16 | 89724 | Forming Assembly with Decal | 2 | | | | |
| 17 | 36870-S | Swing Gate | 1 | | | | |
| 18 | 73501 | Half-mesh, Left Side | 1 | | | | |
| — | 73500 | Half-mesh, Right Side | | | | | |
| — | 54457 | Half-mesh, Swing Gate | | | | | |



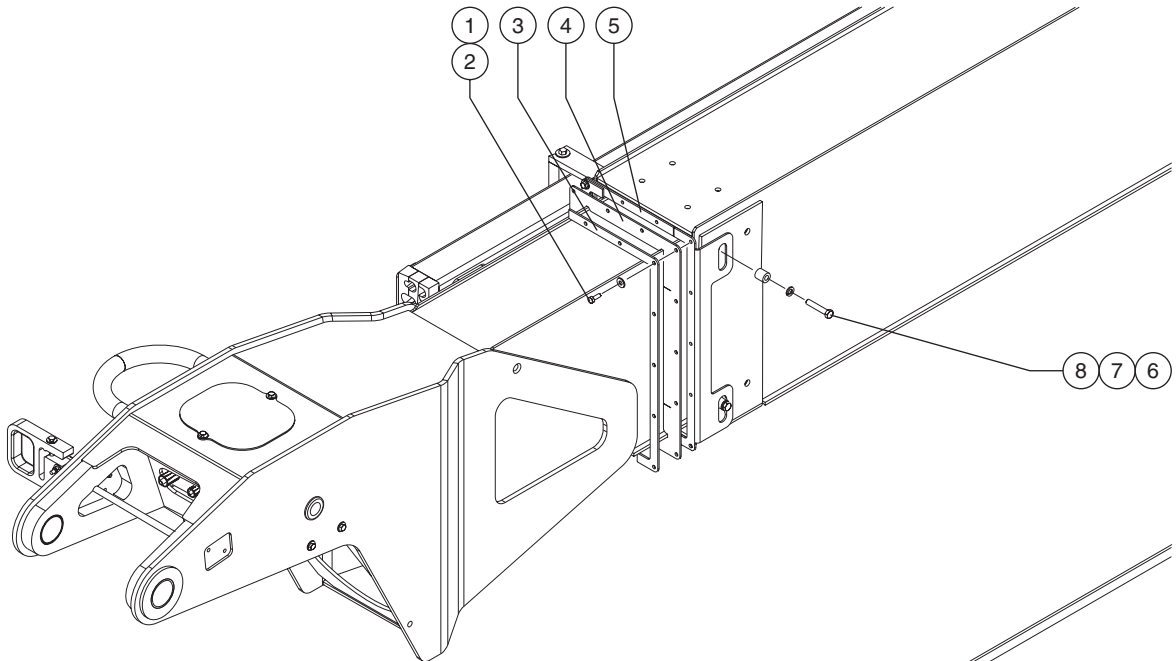
| Figure | Rev | Description |
|--------|-----|--|
| 802.1 | A | Hostile Environment Option - Secondary Boom Wipers |



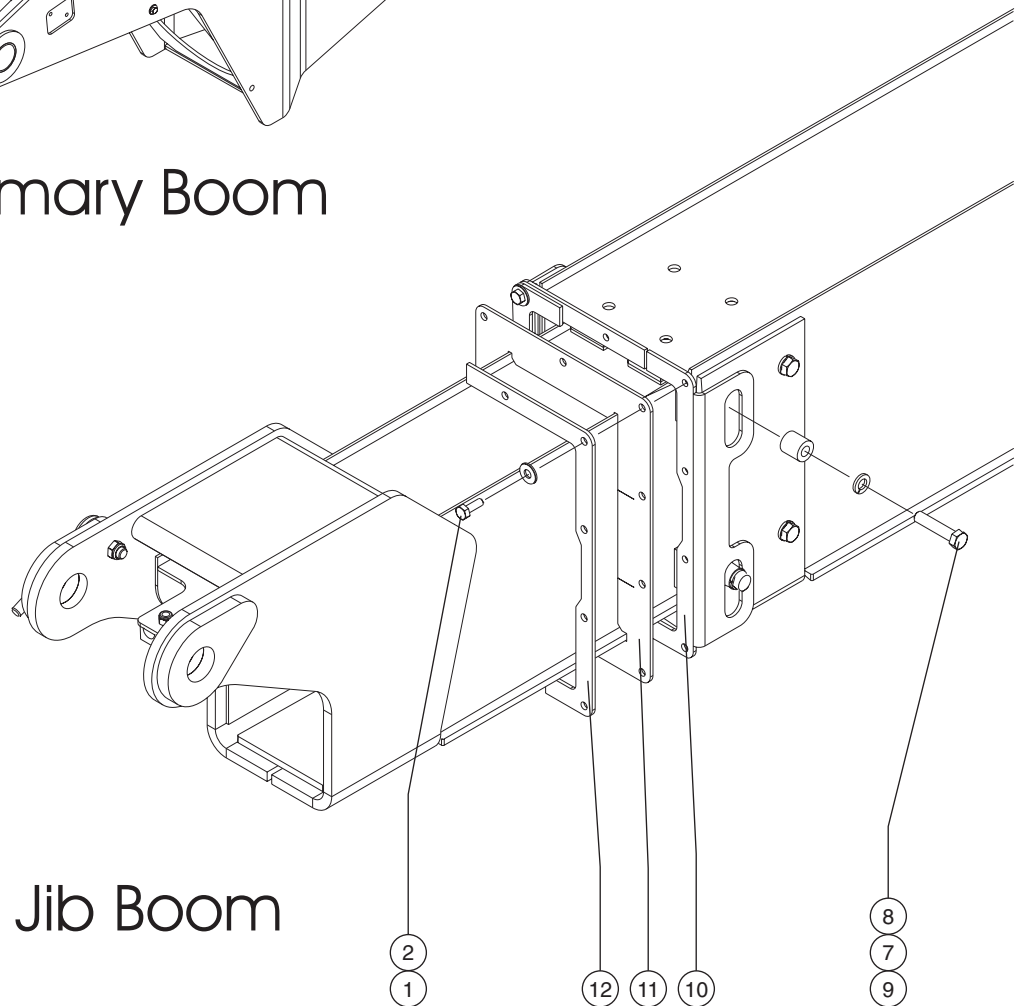
802.1
Hostile Environment Option - Secondary Boom Wipers Rev A

| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 1 | 6090 | Screw - HHC, 1/4 -20 x 0.75 inch, GR 5 | |
| 2 | 6638 | Flat Washer, 1/4 inch | |
| 3 | 6708 | Screw - HHC, 3/8 -16 x 2.25 inches, GR 5 | |
| 4 | 6021 | Lock Washer, 3/8 inch | |
| 5 | 101932 | Spacer, 0.75 x 0.38 x 0.75 inch .. | 12 |
| 6 | 101733 | Wiper Bracket | 2 |
| 7 | 106145 | Boom Wiper | 1 |
| 8 | 101734 | Wiper Backing Plate | 2 |
| 9 | 106105 | Side Hole Cover | 46 |
| 9 | 101740 | Wiper Backing Plate | 2 |
| 10 | 101738 | Boom Wiper | 1 |
| 11 | 101739 | Wiper Bracket | 2 |
| 12 | 101737 | Wiper Backing Plate | 2 |
| 13 | 101735 | Boom Wiper | 1 |
| 14 | 101736 | Wiper Bracket | 2 |

| Figure | Rev | Description |
|--------|-----|--|
| 803.1 | A | Hostile Environment Option - Primary and Jib Boom Wipers, Cable Track Covers |



Primary Boom



Jib Boom

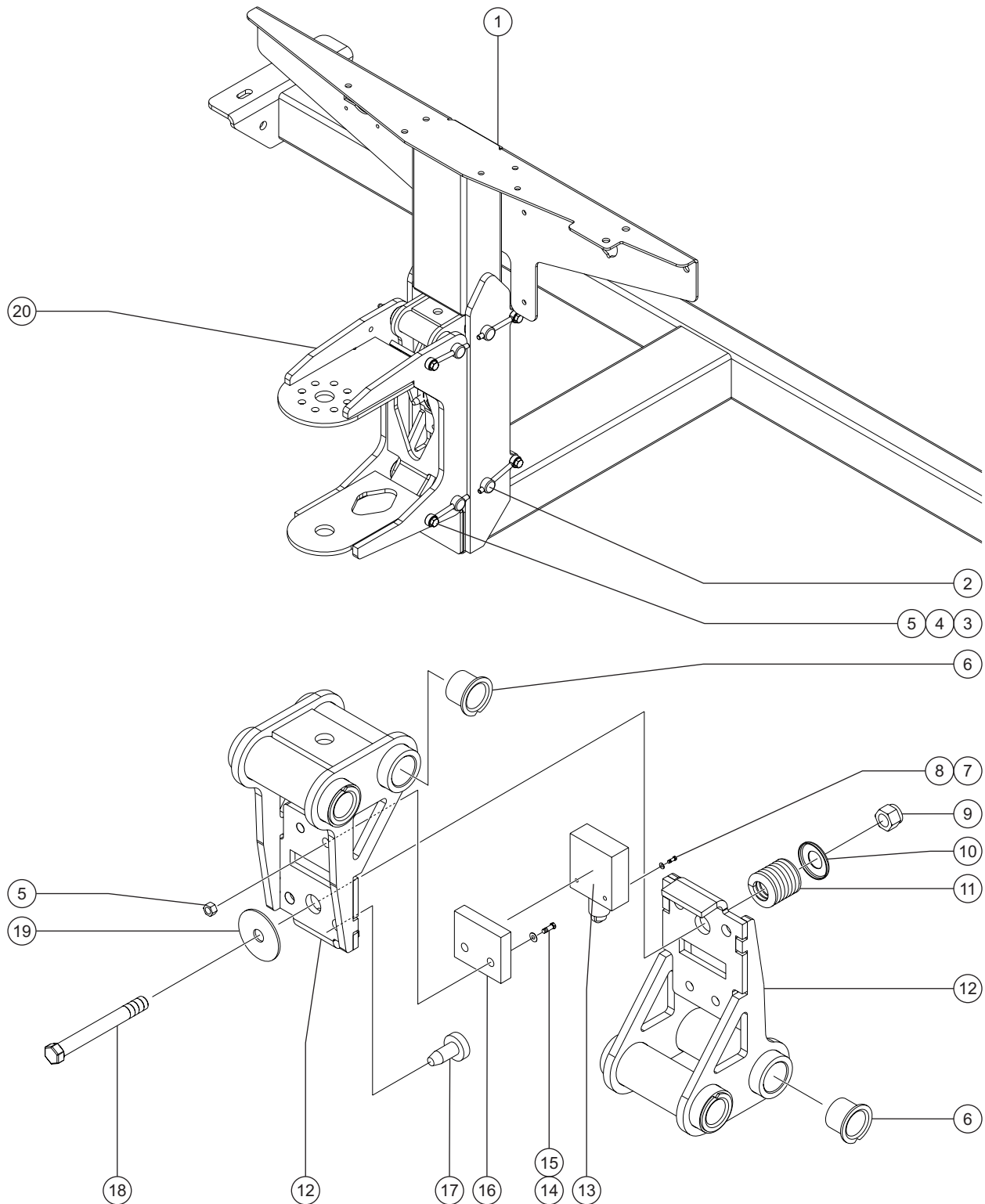
803.1

Rev A

Hostile Environment Option - Primary and Jib Boom Wipers, Cable Track Covers

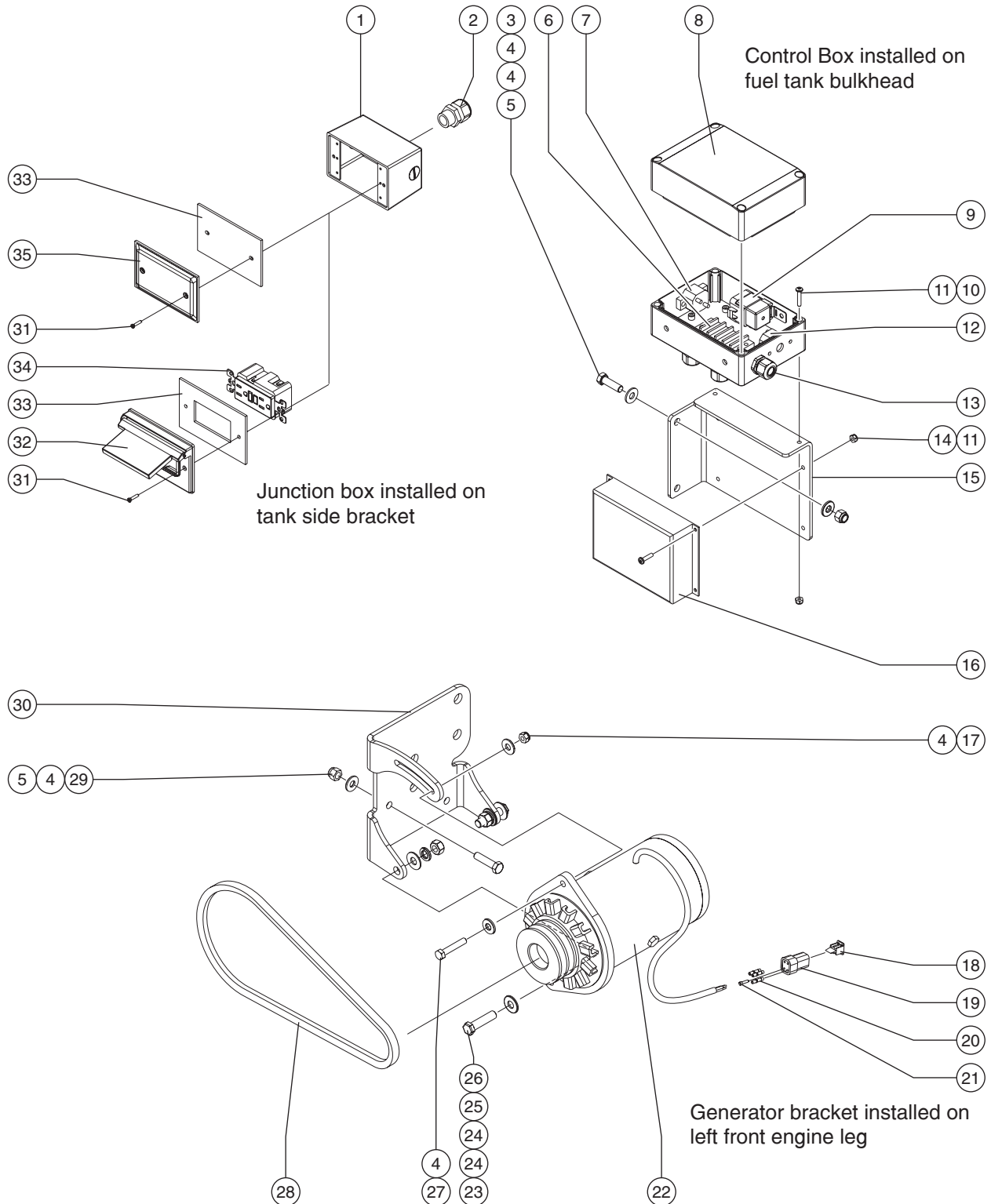
| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| — | 106161 | Cable Track Cover, 15 Link | |
| — | 106162 | Cable Track Cover, 27 Link | |
| — | 106733 | Cable Track Cover, 11 Link | |
| 1 | 6090 | Screw - HHC, 1/4 -20 x 0.75 inch, GR 5 | |
| 2 | 6638 | Flat Washer, 1/4 inch | |
| 3 | 101743 | Wiper Backing Plate | 2 |
| 4 | 101741 | Boom Wiper | 1 |
| 5 | 101742 | Wiper Bracket | 2 |
| 6 | 5224 | Screw - HHC, 3/8 -16 x 2 inches, GR 5 | |
| 7 | 6021 | Lock Washer, 3/8 inch | |
| 8 | 101932 | Spacer, 0.75 x 0.38 x 0.75 inch | 8 |
| 9 | 13918 | Screw - HHC, 3/8 -16 x 1.75 inches, GR 5 | |
| 10 | 101745 | Wiper Bracket | 2 |
| 11 | 101744 | Boom Wiper | 1 |
| 12 | 171746 | Wiper Backing Plate | 2 |

| Figure | Rev | Description |
|--------|-----|-------------|
| 804.1 | A | Load Sense |



| Item | Part No. | Description | Qty. |
|------|----------|---|------|
| 1 | 61997 | Platform Support, CE | 1 |
| 2 | 61726 | Pivot Pin, 0.75 x 5.75 inches | 4 |
| — | 94643 | Zerk Fitting | |
| 3 | 6888 | Screw, 1/4 -20 x 1 inch | |
| 4 | 45748 | Rod End, 0.25 x 2.75 inches | |
| 5 | 6091 | Nylock Nut, 1/4 -20 | |
| 6 | 94175 | Flanged Bearing, 0.75 x 0.875 x 0.5 inch | 4 |
| 7 | 51063 | Screw, 10-32 x 1.5 inches | |
| 8 | 6146 | Flat Washer, #10 | |
| 9 | 4828 | Nylock Nut, 3/8 -16 | |
| 10 | 61975 | Spring Retainer | 1 |
| 11 | 61974 | Compression Spring, 232 lbs/in ... | 1 |
| 12 | 101845 | Load Support with Bearings (includes item 6) | 2 |
| 13 | 94549 | Limit Switch, Load Sensor | 1 |
| 14 | 4266 | Screw, 1/4 -20 x 2 inches | |
| 15 | 6638 | Flat Washer, 1/4 inch | |
| 16 | 61972 | Limit Switch Mount | 1 |
| 17 | 34619 | Rubber Bumper | 1 |
| 18 | 21604 | Screw, 3/8 -16 x 3.25 inches | |
| 19 | 6097 | Flat Washer, 3/8 inch | |
| 20 | 61804 | Rotator Mount | 1 |

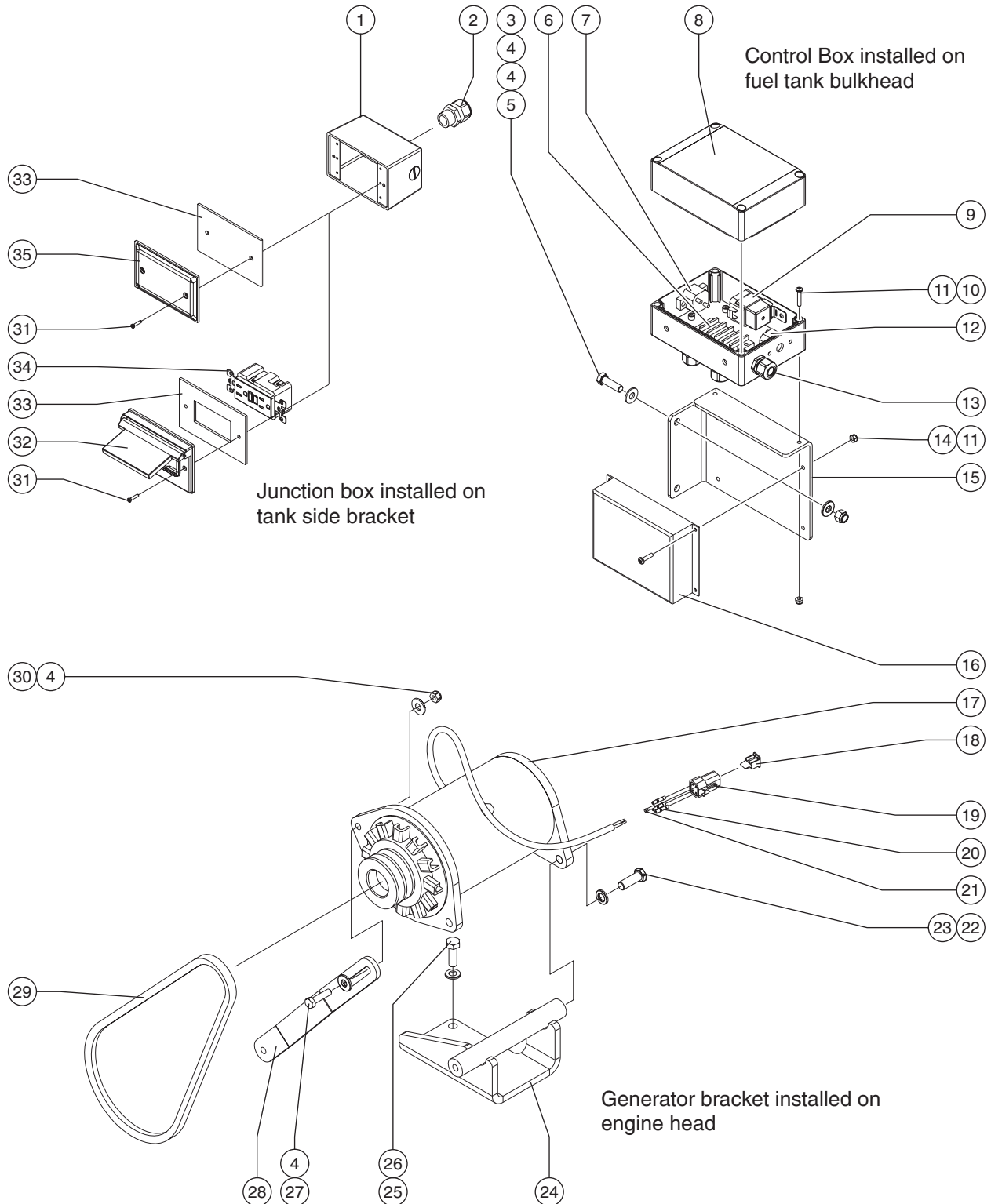
| Figure | Rev | Description |
|--------|-----|-------------------------------------|
| 805.1 | B | Belt Driven Generator, Deutz Models |



805.1
Belt Driven Generator, Deutz Models Rev B

| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|--|------|------|----------|---|------|
| — | 98016 | Generator Option, 3500W, 110V Complete | | 24 | 11209 | Flat Washer, $\frac{7}{16}$ inch | |
| — | 98013 | Generator Option, 3000W, 220V Complete | | 25 | 20912 | Lock Washer, $\frac{7}{16}$ inch | |
| — | 101189 | Generator Harness, 110V/60 Hz (includes items 7-14) | | 26 | 6083 | Hex Nut, $\frac{7}{16}$ -14 GR 2 | |
| — | 101190 | Generator Harness, 220V/50 Hz (includes items 7-14) | | 27 | 14723 | Screw - HHC, $\frac{5}{16}$ -18 x 1.75 inches, GR 5 | |
| 1 | 75069 | T-Box | 1 | 28 | 70397 | Generator Belt | 1 |
| 2 | 7057 | Squeeze Connector, $\frac{1}{2}$ inch NPT | 1 | 29 | 8516 | Screw - HHC, $\frac{3}{8}$ -16 x 1.5 inches, GR 5 | |
| 3 | 6019 | Screw - HHC, $\frac{3}{8}$ -16 x 1.25 inches | | 30 | 88996 | Generator Mount | 1 |
| 4 | 5397 | Flat Washer, $\frac{3}{8}$ inch | | 31 | 63375 | Screw - FHMP, 6-32 x 0.75 inch, GR 2 | |
| 5 | 4828 | Nylock Nut, $\frac{3}{8}$ inch | | 32 | 74006 | GFCI Cover, Weatherproof | 1 |
| 6 | 60885 | Terminal Strip, 30A | 1 | 33 | 74052 | GFCI Gasket | 1 |
| 7 | 60887 | Circuit Breaker, 30A | 1 | 34 | 13585 | Outlet, 110V GFCI | 1 |
| 8 | 8425 | Electrical Enclosure | 1 | 35 | 10777 | Blank Cover | 1 |
| 9 | 60521 | Sealed Relay, 30/40A | 1 | | | | |
| 10 | 75041 | Screw - PHPM, 10-32 x 1 inch | | | | | |
| 11 | 6178 | Nylock Nut, 10-32 | | | | | |
| 12 | 61195 | Circuit Breaker, 12.5A | 1 | | | | |
| 13 | 7056 | Squeeze Connector, $\frac{1}{2}$ inch NPT, Small | 1 | | | | |
| 14 | 49816 | Screw - PHPM, 10-32 x 0.75 inch, GR 2 | | | | | |
| 15 | 106391 | Generator Box Mount | 1 | | | | |
| 16 | 60738 | Voltage Regulator, 110V | 1 | | | | |
| — | 60739 | Voltage Regulator, 220V | | | | | |
| 17 | 6782 | Nylock Nut, $\frac{5}{16}$ -18 | | | | | |
| 18 | 60528 | Plug Lock, 4-way, 12-14 gauge | 1 | | | | |
| 19 | 60527 | Plug, 4-way, 12-14 gauge | 1 | | | | |
| 20 | 73712 | Socket Terminal | 3 | | | | |
| 21 | 60757 | Seal Plug | 1 | | | | |
| 22 | 60707 | Generator, 3500W, 110V | 1 | | | | |
| — | 89908 | Generator, 3000W, 220V | | | | | |
| 23 | 81852 | Screw - HHC, $\frac{7}{16}$ -14 x 1.75 inches, GR 5 | | | | | |

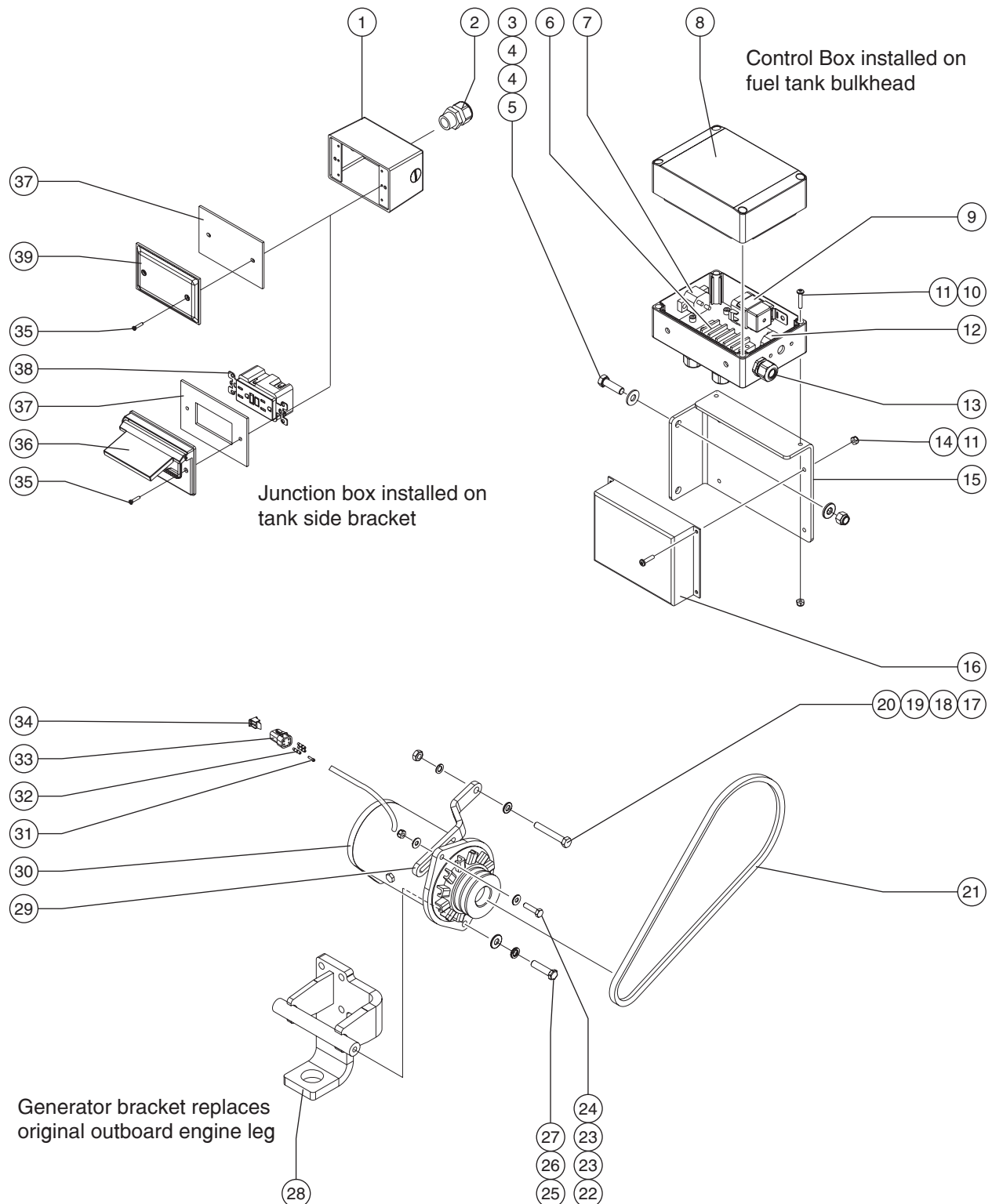
| Figure | Rev | Description |
|--------|-----|---------------------------------------|
| 806.1 | B | Belt Driven Generator, Cummins Models |



806.1
Belt Driven Generator, Cummins Models Rev B

| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|--|------|------|----------|---|------|
| — | 98018 | Generator Option, 3500W, 110V Complete | | 24 | 101667 | Generator Bracket | 1 |
| — | 98015 | Generator Option, 3000W, 220V Complete | | 25 | 44064 | Screw - HHC, M10 -1.5 x 30 mm, GR 8.8 | |
| — | 101189 | Generator Harness, 110V/60 Hz (includes items 7-14) | | 26 | 22699 | Flat Washer, M10 | |
| — | 101190 | Generator Harness, 220V/50 Hz (includes items 7-14) | | 27 | 13000 | Screw - HHC, $\frac{5}{16}$ -18 x 1.25 inches, GR 5 | |
| 1 | 75069 | T-Box | 1 | 28 | 101668 | Generator Adjustment Arm | 1 |
| 2 | 7057 | Squeeze Connector, $\frac{1}{2}$ inch NPT | 1 | 29 | 107547 | Generator Belt | 1 |
| 3 | 6019 | Screw - HHC, $\frac{3}{8}$ -16 x 1.25 inches | | 30 | 6782 | Nylock Nut, $\frac{5}{16}$ -18 | |
| 4 | 5397 | Flat Washer, $\frac{3}{8}$ inch | | 31 | 63375 | Screw - FHMP, 6-32 x 0.75 inch, GR 2 | |
| 5 | 4828 | Nylock Nut, $\frac{3}{8}$ inch | | 32 | 74006 | GFCI Cover, Weatherproof | 1 |
| 6 | 60885 | Terminal Strip, 30A | 1 | 33 | 74052 | GFCI Gasket | 1 |
| 7 | 60887 | Circuit Breaker, 30A | 1 | 34 | 13585 | Outlet, 110V GFCI | 1 |
| 8 | 8425 | Electrical Enclosure | 1 | 35 | 10777 | Blank Cover | 1 |
| 9 | 60521 | Sealed Relay, 30/40A | 1 | | | | |
| 10 | 75041 | Screw - PHPM, 10-32 x 1 inch | | | | | |
| 11 | 6178 | Nylock Nut, 10-32 | | | | | |
| 12 | 61195 | Circuit Breaker, 12.5A | 1 | | | | |
| 13 | 7056 | Squeeze Connector, $\frac{1}{2}$ inch NPT, Small | 1 | | | | |
| 14 | 49816 | Screw - PHPM, 10-32 x 0.75 inch, GR 2 | | | | | |
| 15 | 106391 | Generator Box Mount | 1 | | | | |
| 16 | 60738 | Voltage Regulator, 110V | 1 | | | | |
| — | 60739 | Voltage Regulator, 220V | | | | | |
| 17 | 60707 | Generator, 3500W, 110V | 1 | | | | |
| — | 89908 | Generator, 3000W, 220V | | | | | |
| 18 | 60528 | Plug Lock, 4-way, 12-14 gauge | 1 | | | | |
| 19 | 60527 | Plug, 4-way, 12-14 gauge | 1 | | | | |
| 20 | 73712 | Socket Terminal | 3 | | | | |
| 21 | 60757 | Seal Plug | 1 | | | | |
| 22 | 88296 | Screw - HHC, $\frac{7}{16}$ -14 x 1.25 inches, GR 5 | | | | | |
| 23 | 20912 | Lock Washer, $\frac{7}{16}$ inch | | | | | |

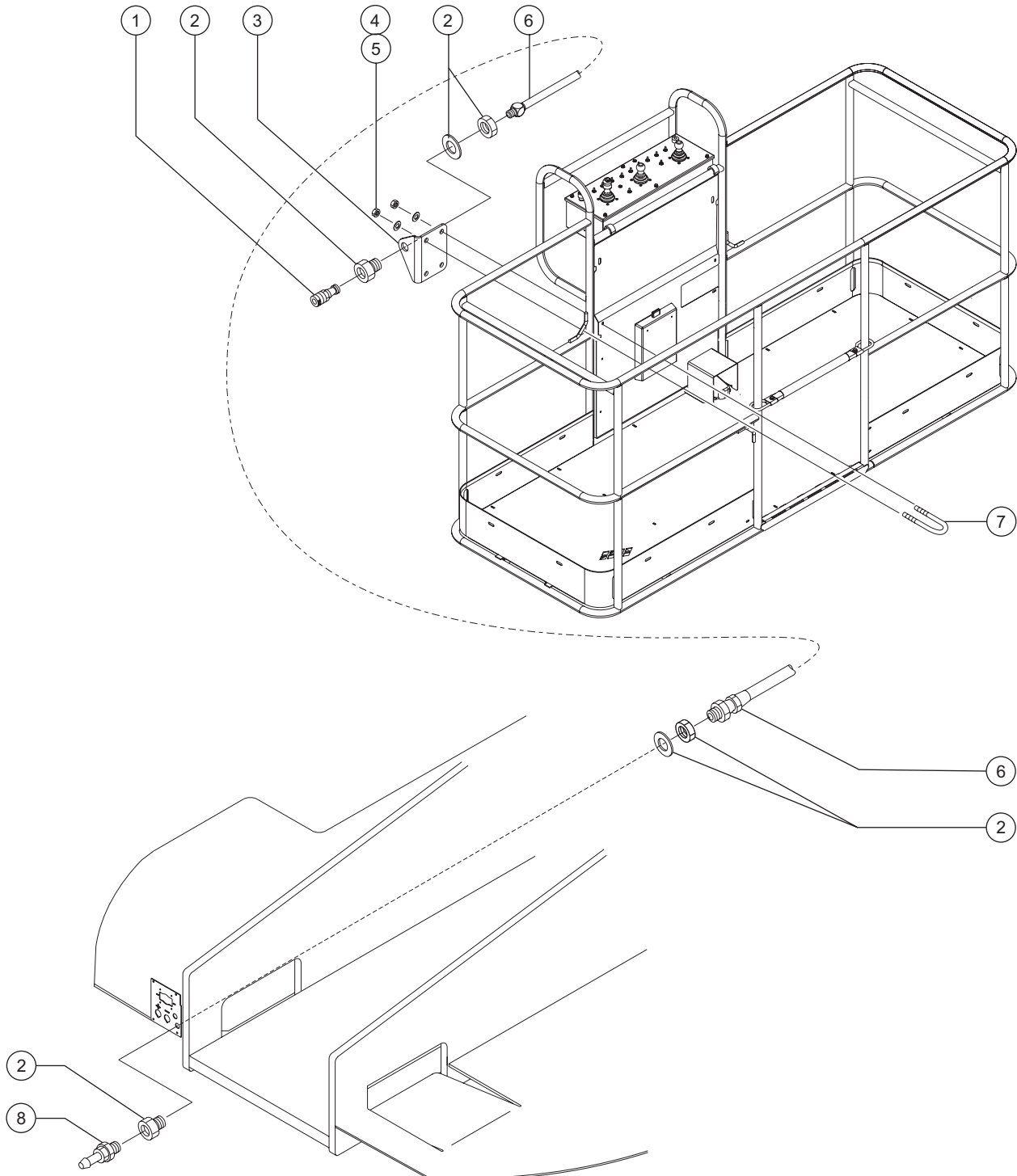
| Figure | Rev | Description |
|--------|-----|---------------------------------------|
| 807.1 | B | Belt Driven Generator, Perkins Models |



807.1
Belt Driven Generator, Perkins Models Rev B

| Item | Part No. | Description | Qty. | Item | Part No. | Description | Qty. |
|------|----------|--|------|------|----------|---|------|
| — | 98017 | Generator Option, 3500W, 110V Complete | | 24 | 6782 | Nylock Nut, $\frac{5}{16}$ -18 | |
| — | 98014 | Generator Option, 3000W, 220V Complete | | 25 | 81852 | Screw - HHC, $\frac{7}{16}$ -14 x 1.75 inches, GR 5 | |
| — | 101189 | Generator Harness, 110V/60 Hz (includes items 7-14) | | 26 | 20912 | Lock Washer, $\frac{7}{16}$ inch | |
| — | 101190 | Generator Harness, 220V/50 Hz (includes items 7-14) | | 27 | 11209 | Flat Washer, $\frac{7}{16}$ inch | |
| 1 | 75069 | T-Box | 1 | 28 | 101653 | Generator Mount | 1 |
| 2 | 7057 | Squeeze Connector, $\frac{1}{2}$ inch NPT | 1 | 29 | 101654 | Generator Adjustment Arm | 1 |
| 3 | 6019 | Screw - HHC, $\frac{3}{8}$ -16 x 1.25 inches | | 30 | 60707 | Generator, 3500W, 110V | 1 |
| 4 | 5397 | Flat Washer, $\frac{3}{8}$ inch | | — | 89908 | Generator, 3000W, 220V | |
| 5 | 4828 | Nylock Nut, $\frac{3}{8}$ inch | | 31 | 60757 | Seal Plug | 1 |
| 6 | 60885 | Terminal Strip, 30A | 1 | 32 | 73712 | Socket Terminal..... | 3 |
| 7 | 60887 | Circuit Breaker, 30A | 1 | 33 | 60527 | Plug, 4-way, 12-14 gauge | 1 |
| 8 | 8425 | Electrical Enclosure | 1 | 34 | 60528 | Plug Lock, 4-way, 12-14 gauge | 1 |
| 9 | 60521 | Sealed Relay, 30/40A | 1 | 35 | 63375 | Screw - FHPM, 6-32 x 0.75 inch, GR 2 | |
| 10 | 75041 | Screw - PHPM, 10-32 x 1 inch | | 36 | 74006 | GFCI Cover, Weatherproof..... | 1 |
| 11 | 6178 | Nylock Nut, 10-32 | | 37 | 74052 | GFCI Gasket | 1 |
| 12 | 61195 | Circuit Breaker, 12.5A | 1 | 38 | 13585 | Outlet, 110V GFCI | 1 |
| 13 | 7056 | Squeeze Connector, $\frac{1}{2}$ inch NPT, Small | 1 | 39 | 10777 | Blank Cover | 1 |
| 14 | 49816 | Screw - PHPM, 10-32 x 0.75 inch, GR 2 | | | | | |
| 15 | 106391 | Generator Box Mount | 1 | | | | |
| 16 | 60738 | Voltage Regulator, 110V | 1 | | | | |
| — | 60739 | Voltage Regulator, 220V | | | | | |
| 17 | 85053 | Screw - HHC, M10 -1.5 x 70 mm, GR 8.8 | | | | | |
| 18 | 22699 | Flat Washer, M10 | | | | | |
| 19 | 22700 | Lock Washer, M10 | | | | | |
| 20 | 59680 | Nut, M10 | | | | | |
| 21 | 70545 | Generator Belt | 1 | | | | |
| 22 | 13000 | Screw - HHC, $\frac{5}{16}$ -18 x 1.25 inches, GR 5 | | | | | |
| 23 | 6638 | Flat Washer, $\frac{1}{4}$ inch | | | | | |

| Figure | Rev | Description |
|--------|-----|----------------------|
| 808.1 | A | Air Line to Platform |



808.1
Air Line to Platform Rev A

| Item | Part No. | Description | Qty. |
|------|----------|--|------|
| — | 98023 | Air Line to Platform Option - Complete | |
| 1 | 49215 | Coupler - Female Quick Disconnect | 1 |
| 2 | 49212 | Fitting - Female Bulkhead Adapter, 10MPT | 2 |
| 3 | 60886P | Air Line Mounting Bracket | 1 |
| 4 | 4828 | Nylock Nut, $\frac{3}{8}$ -16 | |
| 5 | 5397 | Flat Washer, $\frac{5}{16}$ inch | |
| 6 | 119205 | Air Line Assembly With Fittings | 1 |
| 7 | 6550 | U-Bolt, $\frac{3}{8}$ -16 x 1.5 inches | 2 |
| 8 | 49214 | Coupler - Male Quick Disconnect | 1 |

California Proposition 65

WARNING

The exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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**Part No.
106877**

Rev C